CLAIMS:

1. A CD131-binding protein comprising an antigen binding domain of an antibody, wherein the antigen binding domain comprises:

(i) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(ii) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(iii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 6;

(iv) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 6;

(v) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 7;

(vi) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 7;

(vii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 8;

(viii) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 8;

(ix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 9;

(x) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 9;

(xi) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 10;

(xii) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 10;

(xiii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 11;

(xiv) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 11;

(xv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 12;

(xvi) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 12;

(xvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 13;

(xviii) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 13;

(xix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 14;

(xx) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 14;

(xxi) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 15;

(xxii) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 15;

(xxiii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 16;

(xxiv) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 16;

(xxv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 17;

(xxvi) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 17;

(xxvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 18;

(xxviii) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 18;

(xxix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 20 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 19;

(xxx) a V_H comprising a sequence set forth in SEQ ID NO: 20 and a V_L comprising a sequence set forth in SEQ ID NO: 19;

(xxxi) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 21 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(xxxii) a V_H comprising a sequence set forth in SEQ ID NO: 21 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(xxxiii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 22 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(xxxiv) a V_H comprising a sequence set forth in SEQ ID NO: 22 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(xxxv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 23 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(xxxvi) a V_H comprising a sequence set forth in SEQ ID NO: 23 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(xxxvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 24 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(xxxviii) a V_H comprising a sequence set forth in SEQ ID NO: 24 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(xxxix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 25 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(xl) a V_H comprising a sequence set forth in SEQ ID NO: 25 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(xli) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 26 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(xlii) a V_H comprising a sequence set forth in SEQ ID NO: 26 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(xliii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 27 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(xliv) a V_H comprising a sequence set forth in SEQ ID NO: 27 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(xlv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 28 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(xlvi) a V_H comprising a sequence set forth in SEQ ID NO: 28 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(xlvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 29 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(xlviii) a V_H comprising a sequence set forth in SEQ ID NO: 29 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(xlix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 30 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(l) a V_H comprising a sequence set forth in SEQ ID NO: 30 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(li) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 31 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lii) a V_H comprising a sequence set forth in SEQ ID NO: 31 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(liii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 32 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(liv) a V_H comprising a sequence set forth in SEQ ID NO: 32 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 33 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lvi) a V_H comprising a sequence set forth in SEQ ID NO: 33 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 34 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lviii) a V_H comprising a sequence set forth in SEQ ID NO: 34 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 35 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lx) a V_H comprising a sequence set forth in SEQ ID NO: 35 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxi) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 36 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lxii) a V_H comprising a sequence set forth in SEQ ID NO: 36 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxiii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 37 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lxiv) a V_H comprising a sequence set forth in SEQ ID NO: 37 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 38 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lxvi) a V_H comprising a sequence set forth in SEQ ID NO: 38 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 39 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lxviii) a V_H comprising a sequence set forth in SEQ ID NO: 39 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 40 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lxx) a V_H comprising a sequence set forth in SEQ ID NO: 40 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxxi) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 41 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lxxii) a V_H comprising a sequence set forth in SEQ ID NO: 41 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxxiii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 42 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lxxiv) a V_H comprising a sequence set forth in SEQ ID NO: 42 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxxv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 43 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lxxvi) a V_H comprising a sequence set forth in SEQ ID NO: 43 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxxvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 44 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lxxviii) a V_H comprising a sequence set forth in SEQ ID NO: 44 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxxix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 45 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lxxx) a V_H comprising a sequence set forth in SEQ ID NO: 45 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxxxi) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 46 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lxxxii) a V_H comprising a sequence set forth in SEQ ID NO: 46 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxxxiii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 47 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lxxxiv) a V_H comprising a sequence set forth in SEQ ID NO: 47 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxxxv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 48 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lxxxvi) a V_H comprising a sequence set forth in SEQ ID NO: 48 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxxxvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 49 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(lxxxviii) a V_H comprising a sequence set forth in SEQ ID NO: 49 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(lxxxix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 50 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(xc) a V_H comprising a sequence set forth in SEQ ID NO: 50 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(xci) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 51 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(xcii) a V_H comprising a sequence set forth in SEQ ID NO: 51 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(xciii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 52 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(xciv) a V_H comprising a sequence set forth in SEQ ID NO: 52 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(xcv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 53 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(xcvi) a V_H comprising a sequence set forth in SEQ ID NO: 53 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(xcvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 54 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(xcviii) a V_H comprising a sequence set forth in SEQ ID NO: 54 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(xcix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 55 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(c) a V_H comprising a sequence set forth in SEQ ID NO: 55 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(ci) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 56 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cii) a V_H comprising a sequence set forth in SEQ ID NO: 56 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(ciii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 57 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(civ) a V_H comprising a sequence set forth in SEQ ID NO: 57 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 58 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cvi) a V_H comprising a sequence set forth in SEQ ID NO: 58 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 59 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cviii) a V_H comprising a sequence set forth in SEQ ID NO: 59 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 60 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cx) a V_H comprising a sequence set forth in SEQ ID NO: 60 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxi) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 61 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxii) a V_H comprising a sequence set forth in SEQ ID NO: 61 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxiii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 62 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxiv) a V_H comprising a sequence set forth in SEQ ID NO: 62 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 63 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxvi) a V_H comprising a sequence set forth in SEQ ID NO: 63 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 64 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxviii) a V_H comprising a sequence set forth in SEQ ID NO: 64 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 65 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxx) a V_H comprising a sequence set forth in SEQ ID NO: 65 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxxi) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 66 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxxii) a V_H comprising a sequence set forth in SEQ ID NO: 66 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxxiii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 67 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxxiv) a V_H comprising a sequence set forth in SEQ ID NO: 67 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxxv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 68 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxxvi) a V_H comprising a sequence set forth in SEQ ID NO: 68 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxxvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 69 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxxviii) a V_H comprising a sequence set forth in SEQ ID NO: 69 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxxix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 70 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxxx) a V_H comprising a sequence set forth in SEQ ID NO: 70 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxxxi) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 71 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxxxii) a V_H comprising a sequence set forth in SEQ ID NO: 71 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxxxiii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 72 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxxxiv) a V_H comprising a sequence set forth in SEQ ID NO: 72 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxxxv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 73 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxxxvi) a V_H comprising a sequence set forth in SEQ ID NO: 73 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxxxvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 75 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxxxviii) a V_H comprising a sequence set forth in SEQ ID NO: 75 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxxxix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 76 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxl) a V_H comprising a sequence set forth in SEQ ID NO: 76 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxli) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 77 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxlii) a V_H comprising a sequence set forth in SEQ ID NO: 77 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxliii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 78 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxliv) a V_H comprising a sequence set forth in SEQ ID NO: 78 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxlv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 79 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxlvi) a V_H comprising a sequence set forth in SEQ ID NO: 79 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxlvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 80 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxlviii) a V_H comprising a sequence set forth in SEQ ID NO: 80 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxlix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 81 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cl) a V_H comprising a sequence set forth in SEQ ID NO: 81 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cli) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 82 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clii) a V_H comprising a sequence set forth in SEQ ID NO: 82 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cliii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 83 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cliv) a V_H comprising a sequence set forth in SEQ ID NO: 83 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 84 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clvi) a V_H comprising a sequence set forth in SEQ ID NO: 84 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 85 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clviii) a V_H comprising a sequence set forth in SEQ ID NO: 85 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 86 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clx) a V_H comprising a sequence set forth in SEQ ID NO: 86 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxi) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 87 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clxii) a V_H comprising a sequence set forth in SEQ ID NO: 87 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxiii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 88 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clxiv) a V_H comprising a sequence set forth in SEQ ID NO: 88 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 89 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clxvi) a V_H comprising a sequence set forth in SEQ ID NO: 89 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 90 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clxviii) a V_H comprising a sequence set forth in SEQ ID NO: 90 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 91 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clxx) a V_H comprising a sequence set forth in SEQ ID NO: 91 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxxi) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 92 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clxxii) a V_H comprising a sequence set forth in SEQ ID NO: 92 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxxiii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 93 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clxxiv) a V_H comprising a sequence set forth in SEQ ID NO: 93 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxxv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 94 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clxxvi) a V_H comprising a sequence set forth in SEQ ID NO: 94 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxxvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 95 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clxxviii) a V_H comprising a sequence set forth in SEQ ID NO: 95 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxxix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 96 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clxxx) a V_H comprising a sequence set forth in SEQ ID NO: 96 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxxxi) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 97 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clxxxii) a V_H comprising a sequence set forth in SEQ ID NO: 97 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxxxiii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 98 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clxxxiv) a V_H comprising a sequence set forth in SEQ ID NO: 98 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxxxv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 99 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clxxxvi) a V_H comprising a sequence set forth in SEQ ID NO: 99 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxxxvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 100 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(clxxxviii) a V_H comprising a sequence set forth in SEQ ID NO: 100 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(clxxxix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 101 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxc) a V_H comprising a sequence set forth in SEQ ID NO: 101 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxci) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 102 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxcii) a V_H comprising a sequence set forth in SEQ ID NO: 102 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxciii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 103 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxciv) a V_H comprising a sequence set forth in SEQ ID NO: 103 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxcv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 104 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxcvi) a V_H comprising a sequence set forth in SEQ ID NO: 104 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxcvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 105 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cxcviii) a V_H comprising a sequence set forth in SEQ ID NO: 105 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cxcix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 106 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cc) a V_H comprising a sequence set forth in SEQ ID NO: 106 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cci) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 107 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(ccii) a V_H comprising a sequence set forth in SEQ ID NO: 107 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(cciii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 108 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(cciv) a V_H comprising a sequence set forth in SEQ ID NO: 108 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(ccv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 109 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(ccvi) a V_H comprising a sequence set forth in SEQ ID NO: 109 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(ccvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 110 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(ccviii) a V_H comprising a sequence set forth in SEQ ID NO: 110 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(ccix) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 111 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(ccx) a V_H comprising a sequence set forth in SEQ ID NO: 111 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(ccxi) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 112 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(ccxii) a V_H comprising a sequence set forth in SEQ ID NO: 112 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(ccxiii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 113 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(ccxiv)a V_H comprising a sequence set forth in SEQ ID NO: 113 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(ccxv) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 114 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(ccxvi)a V_H comprising a sequence set forth in SEQ ID NO: 114 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(ccxvii) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 115 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5;

(ccxviii) a V_H comprising a sequence set forth in SEQ ID NO: 115 and a V_L comprising a sequence set forth in SEQ ID NO: 5;

(ccxix)a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 116 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5; or

(ccxx) a V_H comprising a sequence set forth in SEQ ID NO: 116 and a V_L comprising a sequence set forth in SEQ ID NO: 5.

2. The CD131-binding protein of claim 1, wherein the protein is an antibody comprising:

(i) a V_H comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 64 and a V_L comprising CDRs 1, 2 and 3 of a sequence set forth in SEQ ID NO: 5; or

(ii) a V_H comprising a sequence set forth in SEQ ID NO: 64 and a V_L comprising a sequence set forth in SEQ ID NO: 5.

3. The CD131-binding protein of claims 1 or 2, which has one or more of the following activities:

(i) reduces or inhibits activation of isolated human neutrophils by GM-CSF as determined by reducing or inhibiting GM-CSF-induced increase in neutrophil cell size;

(ii) reduces or inhibits IL-3-induced IL-8 secretion by human basophils;

(iii) reduces or prevents IL-3-mediated survival or plasmacytoid dendritic cells (pDCs);

(iv) reduces or prevents activation of human peripheral blood eosinophils by IL-5 as determined by assessing change in forward scatter assessed by flow cytometry;

(v) reduces or prevents survival of human peripheral blood eosinophils in the presence of IL-5 and/or GM-CSF and/or IL-3;

(vi) reduces or prevents IL-3-induced tumor necrosis factor (TNF) α release from human mast cells;

(vii) reduces or prevents IL-3-induced IL-13 release from human mast cells;

(viii) reduces or prevents potentiation of IgE-mediated IL-8 release from human mast cells by IL-3 and/or IL-5 and/or GM-CSF;

(ix) reduces or prevents formation of colony forming units-granulocytes-macrophages (CFU-GM) by CD34+ human bone marrow cells cultured in the presence of stem cell factor (SCF), GM-CSF, IL-3 and IL-5.

4. The CD131-binding protein of any one of claims 1 to 3, wherein if the V_H and V_L are in a single polypeptide chain, the protein is:

(i) a single chain Fv fragment (scFv);

(ii) a dimeric scFv (di-scFv);

(iii) one of (i) or (ii) linked to a constant region of an antibody, Fc or a heavy chain constant domain (C_H) 2 and/or C_H3; or

(iv) one of (i) or (ii) linked to a protein that binds to an immune effector cell, or

if the V_H and V_L are in separate polypeptide chains the protein is:

(i) a diabody;

(ii) a triabody;

(iii) a tetrabody;

(iv) a Fab;

(v) a $F(ab')_2$;

(vi) a Fv;

(vii) one of (i) to (vi) linked to a constant region of an antibody, Fc or a heavy chain constant domain (C_H) 2 and/or C_H3;

(viii) one of (i) to (vi) linked to a protein that binds to an immune effector cell; or

(ix) an antibody.

5. The CD131-binding protein of any one of claims 1 to 4, which is conjugated to another compound.

6. A nucleic acid encoding the CD131-binding protein of any one of claims 1 to 4.

7. An expression construct comprising the nucleic acid of claim 6.

8. An isolated or recombinant cell expressing the CD131-binding protein of any one of claims 1 to 4.

9. A composition comprising a CD131-binding protein of any one of claims 1 to 4 and a pharmaceutically acceptable carrier.

10. Use of the CD131-binding protein of any one of claims 1 to 5 in the manufacture of a medicament to treat a CD131-mediated condition.

11. The CD131-binding protein of any one of claims 1 to 5 or the composition of claim 9 for use in the treatment of a CD131-mediated condition.

12. A method for detecting CD131 or a cell expressing same or for diagnosing or prognosing a CD131-mediated condition in a sample from a subject, the method comprising contacting the sample with the CD131-binding protein of any one of claims 1 to 5 such that a complex forms and detecting the complex, wherein detection of the complex is indicative of CD131 or a cell expressing same in the sample or diagnostic or prognostic of the CD131-mediated condition.

13. The method of claim 12, or the use of claim 10 or the CD131-binding protein or the antibody or the composition for use of claim 11, wherein the CD131-mediated condition is an autoimmune condition, an inflammatory condition, an allergic condition or cancer.