CLAIMS

1. A CD27L antigen binding protein comprising a light chain variable domain and a heavy chain variable domain, wherein:

a) the light chain variable domain comprises an LCDR1 sequence as set forth in SEQ ID NO: 74; an LCDR2 sequence as set forth in SEQ ID NO: 82; and an LCDR3 sequence as set forth in SEQ ID NO: 90; and the heavy chain variable domain comprises an HCDR1 sequence as set forth in SEQ ID NO: 28; an HCDR2 sequence as set forth in SEQ ID NO: 36; and an HCDR3 sequence as set forth in SEQ ID NO: 44;

b) the light chain variable domain is defined as in a) but has an R24K-S26G mutation, and the heavy chain variable domain is defined as in a) but has an N31S-I34M mutation;

c) the light chain variable domain is defined as in a) but has an R24K-S26G mutation, and the heavy chain variable domain is defined as in a);

d) the light chain variable domain is defined as in a) but has an L55I-Y58F mutation, and the heavy chain variable domain is defined as in a);

e) the light chain variable domain is defined as in a) but has a Q95N-T96S mutation, and the heavy chain variable domain is defined as in a) but has an N31S-I34M mutation; or

f) the light chain variable domain is defined as in a) but has a Q95N-T96S mutation, and the heavy chain variable domain is defined as in a).

2. The CD27L antigen binding protein of claim 1, wherein the light chain variable domain has at least 90% identity to the amino acid sequence set forth in SEQ ID NO: 66.

3. The CD27L antigen binding protein of claim 1 or 2, wherein the heavy chain variable domain has at least 90% identity to the amino acid sequence set forth in SEQ ID NO: 20

4. The CD27L antigen binding protein of any one of the preceding claims, wherein the light chain variable domain has at least 95% identity to the amino acid sequence set forth in SEQ ID NO: 66.

5. The CD27L antigen binding protein of any one of the preceding claims, wherein the heavy chain variable domain has at least 95% identity to the amino acid sequence set forth in SEQ ID NO: 20.