

Abstract

The present application provides a CD7-targeting humanized antibody and a chimeric antigen receptor. The CD7-targeting humanized antibody comprises: an amino acid sequence of a heavy chain variable region as shown in SEQ ID NO: 1 and an amino acid sequence of a light chain variable region as shown in SEQ ID NO: 2; or an amino acid sequence of a heavy chain variable region as shown in SEQ ID NO: 1 and an amino acid sequence of a light chain variable region as shown in SEQ ID NO: 30; or an amino acid sequence of a heavy chain variable region as shown in SEQ ID NO: 28 and an amino acid sequence of a light chain variable region as shown in SEQ ID NO: 30. Also provided is a use thereof in preparation of a reagent or a drug for diagnosing or treating diseases or conditions related to CD7 expression.

(No Figure)