

ABSTRACT

Provided is a bispecific antibody, comprising a first antigen-binding moiety and a second antigen-binding moiety, wherein a paired domain of the first antigen-binding moiety comprises an amino acid sequence of engineered HLA-I α 3 and an amino acid sequence of engineered β 2M. Also provided are an expression method for the bispecific antibody, a polynucleotide encoding the bispecific antibody, a vector and host cell containing the polynucleotide, a pharmaceutical composition containing the bispecific antibody, a fusion protein, and a conjugate. The bispecific antibody provided can prevent or attenuate mismatches between heavy and light chains of different specificities.

[No suitable figure]