【ABSTRACT】

The present invention relates to: a dual targeting antibody of a novel form having a water-soluble ligand fused to the N-terminus of a heavy chain or light chain of an antibody; a DNA encoding the dual targeting antibody; a recombinant expression vector containing the DNA; a host cell which is transformed with the recombinant expression vector; a method for preparing the dual targeting antibody by culturing the host cell; and a pharmaceutical composition including the dual targeting antibody.