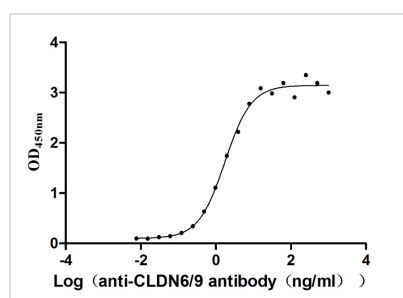




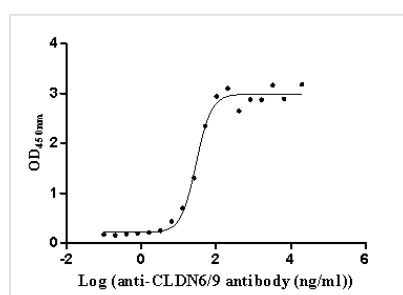
CLDN6/9 Recombinant Monoclonal Antibody

Product Code	CSB-RA005508MA1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P56747
Immunogen	Recombinant Human CLDN6/9 protein
Species Reactivity	Human
Tested Applications	ELISA,FC
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	Affinity-chromatography
Isotype	hIgG1
Clonality	Monoclonal
Product Type	Recombinant Antibody
Immunogen Species	Homo sapiens (Human)
Research Area	Immunology
Gene Names	CLDN6/9
Clone No.	9H8

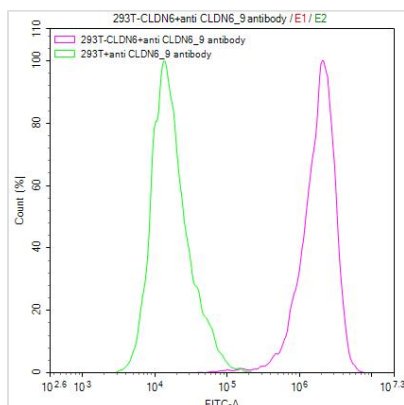
Image



The Binding Activity of Human CLDN6 with Anti-CLDN6/9 recombinant Antibody
Activity: Measured by its binding ability in a functional ELISA. Immobilized Human CLDN6 (CSB-MP005508HU(A4)) at 10 µg/mL can bind Anti-CLDN6/9 recombinant antibody, the EC₅₀ is 1.501-2.035 ng/mL.



The Binding Activity of Human CLDN9 with Anti-CLDN6/9 Recombinant Antibody
Activity: Measured by its binding ability in a functional ELISA. Immobilized Human CLDN9 (CSB-MP005511HU) at 10 µg/mL can bind Anti-CLDN6/9 recombinant antibody, the EC₅₀ is 24.93-35.47 ng/mL.



Untransfected HEK293T cells surface (green line) and transfected Human CLDN6 HEK293T stable cells surface (red line) were stained with anti-CLDN6/9 recombinant antibody (2 μ g/1*10⁶cells), washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.

Description

The CLDN6/9 recombinant monoclonal antibody was meticulously produced by CUSABIO following a well-defined process. B cells were isolated from the spleen of an immunized animal, with the recombinant human CLDN6/9 protein used as the immunogen during the immunization procedure. RNA was extracted from the B cells and reverse-transcribed into cDNA. The gene encoding the CLDN6/9 antibody was then extended using a degenerate primer and inserted into a vector. This recombinant vector was subsequently introduced into host cells through transfection, enabling efficient antibody expression. The CLDN6/9 recombinant monoclonal antibodies were harvested from the cell culture supernatant and purified using affinity chromatography. Extensive validation, including ELISA and FC testings, was conducted to confirm this antibody's reactivity with human CLDN6 and CLDN9 protein, ensuring its accuracy and suitability for further applications.