

Anti-Claudin-6/9 Antibody (2D938)

Product Details

Ig Type:	Human IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2D938
Purification:	Affinity-chromatography

Applications

1. 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 at 10 $\mu\text{g/mL}$ can bind Anti-CLDN6/9 recombinant antibody, the EC50 is 1.501-2.035 ng/mL.
 2. 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 at 10 $\mu\text{g/mL}$ can bind Anti-CLDN6/9 recombinant antibody, the EC50 is 24.93-35.47 ng/mL.
 3. Untransfected HEK293T cells surface (green line) and transfected Human CLDN6 HEK293T stable cells surface (red line) were stained with anti-CLDN6/9 recombinant antibody ($2\mu\text{g}/1*10^6$ cells), washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.
 4. Untransfected MC38 cells (green line) and transfected Human CLDN9 MC38 stable cells (red line) were stained with anti-CLDN6/9 antibody ($2\mu\text{g}/1*10^6$ cells), washed and then followed by APC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.
 5. Untransfected CHO-K1* 10^6 cells, washed and then followed by APC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.
 7. The Binding Activity of Macaca fascicularis CLDN6 with Anti-CLDN6/9 Recombinant Antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis CLDN6 at 5 $\mu\text{g/mL}$ can bind Anti-CLDN6/9 recombinant antibody. The EC50 is 4.186-6.635 ng/mL.
The VLPs is negative control.
 8. 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 at 2 $\mu\text{g/mL}$ can bind Anti-CLDN6/9 recombinant antibody. The EC50 is 1.243-2.426 ng/mL.
 9. 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 at 2 $\mu\text{g/mL}$ on an Nickel Coated plate can bind Anti-CLDN6/9 recombinant antibody. The EC50 is 2.812-3.524 ng/mL.
- Verified Activity:
- Application: ELISA,FCM

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: Human CLDN6/9 Protein

Antigen Species: Human

Gene ID: 9074

Uniprot ID: P56747

Synonyms: claudin 9;claudin 6

Biology Area: Immunology

Research Background

Plays a major role in tight junction-specific obliteration of the intercellular space. (Microbial infection) Acts as a receptor for hepatitis C virus (HCV) entry into hepatic cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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