

Anti-Claudin-18 Antibody (5M288)

Product Details

Ig Type:	Human IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	5M288
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Untransfected KATO3 cells surface (green line), transfected Human CLDN18.2 KATO3 stable cells surface (red line) and transfected Human CLDN18.1 NIH-3T3 stable cells surface (blue line) were stained with anti-CLDN18.2 antibody (2μg/1*10⁶ cells), washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.</p> <p>2. The Binding Activity of Human CLDN18.2 with Anti-CLDN18 recombinant antibody. Activity: Measured by its binding ability in a functional ELISA. Immobilized Human CLDN18.2 at 5 μg/mL can bind Anti-CLDN18 recombinant antibody, the EC50 is 2.947-8.782 ng/mL.</p>
Application:	ELISA,FCM
Recommended	FCM:1:50-1:200.

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 CLDN18 Protein
Antigen Species:	Human
Gene ID:	51208
Uniprot ID:	P56856
Synonyms:	claudin 18;SFTA5;SFTPJ;CLDN18;CLDN 18
Biology Area:	Signal transduction

Research Background

Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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