

Claudin-18.2 Monoclonal Antibody

RACO0590

Description

This Claudin-18.2 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: RACO0590
Contents: 50µl
Bradford Reagent: 1 vial (2ml)
Category: Recombinant Antibody
Synonyms: Claudin-18, CLDN18
Clone: Monoclonal
Applications: **ELISA** **FC**
Conjugation: Non-conjugated
Reactivity: Human

Antibody Data

Isotype: IgG1
Uniprot: P56856-2
Host Species: -
Purification: Affinity-chromatography
Immunogen: Recombinant Human Claudin-18.2 protein
Immunogen Species: Homo sapiens (Human)
Buffer: Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Form: Liquid

Preparation & Storage

Storage: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Store Bradford Reagent at Room Temperature for 1 Year.

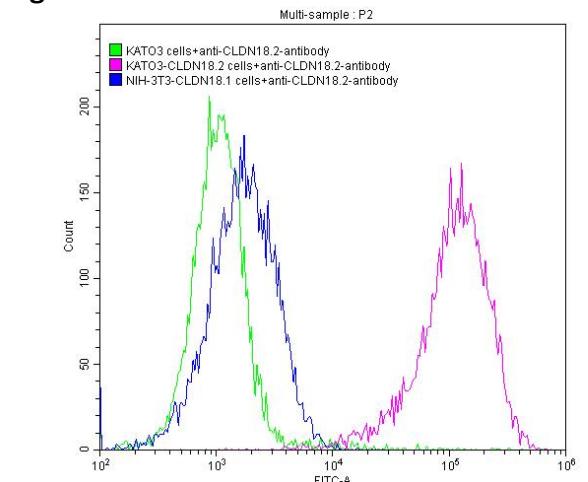
Recommended Dilutions:

Application	Recommended Dilution
FC	1:50-1:200

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

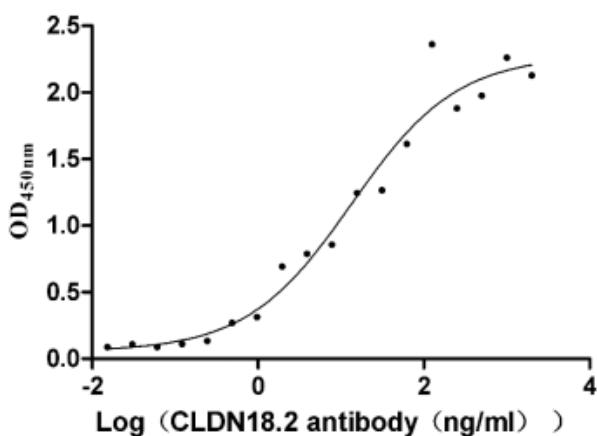
Validation Data

Image



Description

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 (2 μ g/1*10⁶ cells), washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.



The Binding Activity of Human CLDN18.2 with Anti-CLDN18.2 recombinant antibody. Activity: Measured by its binding ability in a functional ELISA. Immobilized Human CLDN18.2 (CSB-MP005498HU(A5)) at 5 μ g/mL can bind Anti-CLDN18.2 recombinant antibody, the EC50 is 6.554-27.87 ng/mL.