

CLDN18.2
Catalog # PVGS1675**Specification**

CLDN18.2 - Product Information

Primary Accession [P56856-2](#)
Species
Human

Sequence
Full length

Purity
≥ 75% as analyzed by SDS-PAGE

Endotoxin Level
≤ 0.2 EU/ µg of protein by gel clotting method

Biological Activity
Immobilized anti Claudin 18.2 antibody at 1 µg/ml (100 µl/Well). Dose response curve for CLDN18.2, hFc, Human with the EC₅₀ of 17.60 ng/ml determined by ELISA.

Expression System
293 Cells

Formulation **Supplied as a solution in 20 mM PB, 500 mM NaCl, 10% glycerol, 0.025% DDM, 0.005% CHS, pH 7.0.**

Storage & Stability
Upon receiving, this product remains stable for up to 6 months at lower than -70°C. Avoid repeated freeze-thaw cycles.

CLDN18.2 - Additional Information

Target Background
Claudin-18 is a protein that in humans is encoded by the CLDN18 gene. CLDN18 belongs to the large claudin family of proteins, which form tight junction strands in epithelial cells. The Expression of Isoform A2 (CLDN18.2) is restricted to the stomach mucosa where it is predominantly observed in the epithelial cells of the pit region and the base of the gastric glands including exocrine and endocrine cells (at protein level). CLDN18.2 is founded to be abundant in gastric tumors, Experimental antibody IMAB362 targets Claudin 18.2 to help treat gastric cancers.

CLDN18.2 - Protein Information**CLDN18.2 - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CLDN18.2 - Images