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CLDN18.2

Catalog # PVGS1675

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 EC_{50} 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.

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.

Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.