

Biotinylated Human Claudin 18.2 Protein-VLP



Cat. No. CLD-HM0P38B

Description	
Source	Recombinant Biotinylated Human Claudin 18.2 Protein-VLP is expressed from HEK293. It contains Met1-Val261 (It may have cross reaction with anti-His antibody).
Accession	P56856-2
Molecular Weight	The target protein has a predicted MW of 29 kDa.
Endotoxin	Less than 1EU per µg by the LAL method.

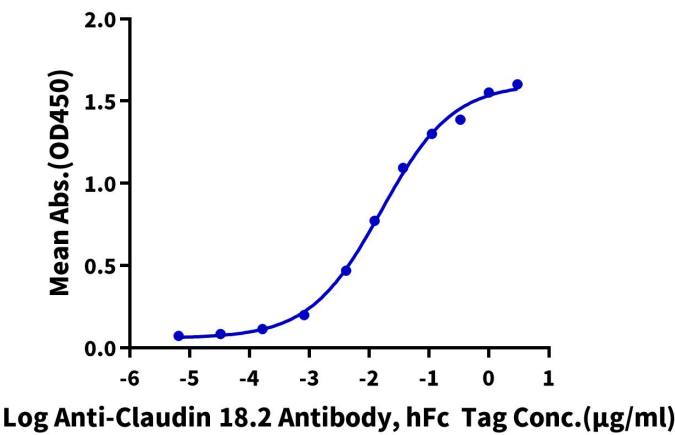
Formulation and Storage	
Formulation	Supplied as 0.22 µm filtered solution in PBS, 150mM L-Arginine (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background	
Claudin18 (CLDN18) belongs to the large claudin family of proteins, which form tight junction strands in epithelial cells. CLDN18 is specifically expressed in the stomach and lung. CLDN18 has two alternatively spliced variants, CLDN18.1 and CLDN18.2. Isoform 2 (Claudin 18.2) is abundant in gastric tumors.	

Assay Data

ELISA Data

Biotinylated Human Claudin 18.2 VLP ELISA



Immobilized Biotinylated Human Claudin18.2 VLP (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-Claudin 18.2 Antibody, hFc Tag with the EC50 of 15.9ng/ml determined by ELISA.