

Biotinylated Human Claudin 3 Nanodisc

Cat. No. CLD-HM13NB



Description

Source	Recombinant Biotinylated Human Claudin 3 Nanodisc is expressed from HEK293 with His tag at the C-terminus. It contains Met1-Val220.
Accession	O15551
Molecular Weight	The protein has a predicted MW of 36.4 kDa.
Endotoxin	Less than 1 EU per µg by the LAL method.

Formulation and Storage

Formulation	Supplied as 0.22 µm filtered solution in PBS, 200mM L-arginine (pH 7.4). Notice: Not recommended for flow cytometry in mammalian cells.
Storage	Valid for 6 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

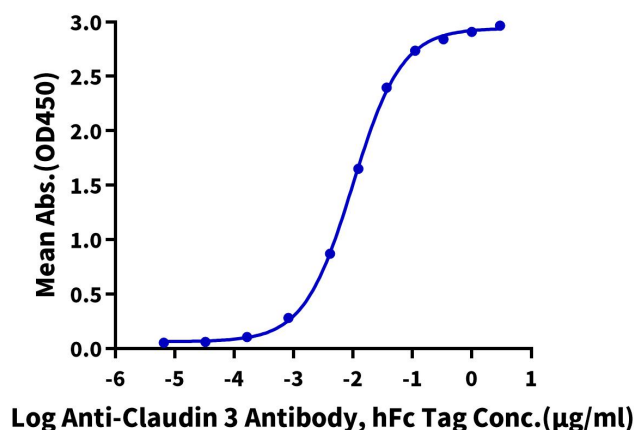
Claudin-3 is a member of the Claudin family, which is present in many epithelia including skin, lung, kidney and intestine. It beautifully localizes on the cell-to-cell junctions of MCF-7 cells, clearly forming a continuous belt-like structure surrounding the cells. It has often been associated with the progression and metastasis of various tumors.

Assay Data

ELISA Data

Biotinylated Human Claudin 3 Nanodisc, His Tag ELISA

0.2µg Biotinylated Human Claudin 3 Nanodisc, His Tag Per Well



Immobilized Biotinylated Human Claudin 3, His Tag at 2 µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-Claudin 3 Antibody, hFc Tag with the EC50 of 9.9ng/ml determined by ELISA.