

Claudin 4 Antibody FITC Conjugated

Catalog No: #C04322F

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Description

Product Name	Claudin 4 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	HuB MsB RtB B B
Immunogen Description	KLH conjugated synthetic peptide aa 30-80 209 derived from human CLDN4
Conjugates	FITC
Target Name	Claudin 4
Other Names	CPER; CPE-R; CPETR; CPETR1; WBSCR8; hCPE-R; Claudin-4; Clostridium perfringens enterotoxin receptor; CPE-receptor; Williams-Beuren syndrome chromosomal region 8 protein; CLDN4
Accession No.	Swiss-Prot#O14493NCBI Gene ID1364
Uniprot	O14493
GeneID	1364;
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200B

Background

Claudin 1-8 proteins are a family of transmembrane proteins associated with tight junctions. Tight junctions are specialized regions of cell to cell contact made up of network of strands that act as a molecular gasket for preventing the leakage of ions, water etc. between cells. They are abundant in luminal epithelial sheets where they maintain epithelial cell polarity. Different tissues exhibit different Claudin composition.

Note: This product is for in vitro research use only