

Claudin 16 Antibody FITC Conjugated

Catalog No: #C02837F

Package Size: #C02837F 100ul

Description

Product Name	Claudin 16 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 90-140 305 derived from human Claudin 16
Conjugates	FITC
Target Name	Claudin 16
Other Names	HOMG3; PCLN1; Claudin-16; Paracellin-1; PCLN-1; CLDN16
Accession No.	Swiss-Prot#Q9Y5I7NCBI Gene ID10686
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

ICC=1:50-200 IF=1:50-200

Background

Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity. Involved in paracellular magnesium reabsorption. Required for a selective paracellular conductance. May form, alone or in partnership with other constituents, an intercellular pore permitting paracellular passage of magnesium and calcium ions down their electrochemical gradients. Alternatively, it could be a sensor of magnesium concentration that could alter paracellular permeability mediated by other factors.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.