

CLDN2 Conjugated Antibody

Catalog No: #C36890



Package Size: #C36890-AF350 100ul #C36890-AF405 100ul #C36890-AF488 100ul
 #C36890-AF555 100ul #C36890-AF594 100ul #C36890-AF647 100ul
 #C36890-AF680 100ul #C36890-AF750 100ul #C36890-Biotin 100ul

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Description

Product Name	CLDN2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CLDN2 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human claudin 2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	claudin 2; Claudin-2; claudin2; CLD2; CLDN2; SP82
Accession No.	Swiss-Prot#:P57739NCBI Gene ID:9075NCBI Protein#:NP_065117
Uniprot	P57739
GeneID	9075;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene product belongs to the claudin protein family whose members have been identified as major integral membrane proteins localized exclusively at tight junctions. Claudins are expressed in an organ-specific manner and regulate tissue-specific physiologic properties of tight junctions. This protein is expressed in the intestine. Alternatively spliced transcript variants with different 5' untranslated region have been found for this gene.

Note: This product is for in vitro research use only