

Claudin 6 (Phospho-Tyr219) Conjugated Antibody

Catalog No: #C11793

Package Size: #C11793-AF350 100ul #C11793-AF405 100ul #C11793-AF488 100ul

#C11793-AF555 100ul #C11793-AF594 100ul #C11793-AF647 100ul

#C11793-AF680 100ul #C11793-AF750 100ul #C11793-Biotin 100ul

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Description

Product Name	Claudin 6 (Phospho-Tyr219) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of Claudin 6 only when phosphorylated at tyrosine 219.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 219 (T-K-N-Y(p)-V) derived from Human Claudin 6.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	claudin 6;claudin-6; CLD6;Skullin 2
Accession No.	Swiss-Prot#:P56747NCBI Gene ID:9074NCBI mRNA#:NM_021195.4. NCBI Protein#:NP_067018.2.
Uniprot	P56747
GeneID	9074;
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
Calculated MW	23
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

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Background

Claudin 6 Plays a major role in tight junction-specific obliteration of the intercellular space. Directly interacts with TJP1/ZO-1, TJP2/ZO-2 and TJP3/ZO-3.

Note: This product is for in vitro research use only