



Anti-CLDN5 monoclonal antibody, clone 2H5 (DCABH-426)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Claudin 5
Antigen Description	Plays a major role in tight junction-specific obliteration of the intercellular space.
Immunogen	Recombinant full length Human Claudin 5 produced in HEK293T cells (NP_003268)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2H5
Purification	Purified from mouse ascites fluids by affinity chromatography
Conjugate	Unconjugated
Applications	Flow Cyt, ICC/IF
Positive Control	ICC/IF: Transfected COS7 cells Flow Cyt: Transfected HEK293T cells
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA
Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.

Ship

Shipped at 4°C.

GENE INFORMATION

Gene Name	CLDN5 claudin 5 [Homo sapiens]
Official Symbol	CLDN5
Synonyms	CLDN5; claudin 5; AWAL, TMVCF, transmembrane protein deleted in velocardiofacial syndrome; claudin-5; BEC1; CPETRL1; TMDVCF; transmembrane protein deleted in VCFS; transmembrane protein deleted in velocardiofacial syndrome; AWAL; TMVCF;
Entrez Gene ID	7122
Protein Refseq	NP_001124333
UniProt ID	D3DX19
Chromosome Location	22q11.21
Pathway	Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem; Diurnally regulated genes with circadian orthologs, organism-specific biosystem; Hepatitis C, organism-specific biosystem;
Function	identical protein binding; structural molecule activity;