



Anti-CLDN5 (aa 29-81) polyclonal antibody (DPAB-DC3079)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets. Mutations in this gene have been found in patients with velocardiofacial syndrome. Alternatively spliced transcript variants encoding the same protein have been found for this gene.
Immunogen	CLDN5 (NP_003268, 29 a.a. ~ 81 a.a) partial recombinant protein with GST tag. The sequence is MWQVTAFLDHNIVTAQTTWKGLWMSCVVQSTGHMQCKVYDSVLALSTEVQAAR
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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