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Datasheet for ABIN656564 anti-Claudin 2 antibody (C-Term)

4 Images



Overview

Quantity:	400 μL
Target:	Claudin 2 (CLDN2)
Binding Specificity:	AA 200-227, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This CLDN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 200-227 amino acids from the C-terminal region of human CLDN2.
Clone:	RB16648
Isotype:	Ig Fraction

Target Details

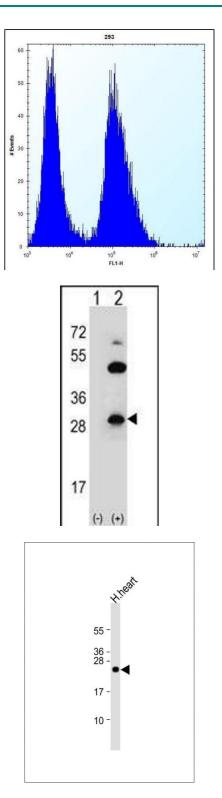
Purification:

Target:	Claudin 2 (CLDN2)
Alternative Name:	CLDN2 (CLDN2 Products)

This antibody is purified through a protein A column, followed by peptide affinity purification.

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Target Details	
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.
Molecular Weight:	24549
Gene ID:	9075
NCBI Accession:	NP_001164563, NP_001164566, NP_065117
UniProt:	P57739
Pathways:	Hepatitis C
Application Details	
Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	CLDN2 Antibody (C-term Y224) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Flow Cytometry

Image 1. CLDN2 Antibody (C-term) (ABIN656564 and ABIN2845824) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of CLDN2 (arrow) using rabbit polyclonal CLDN2 Antibody (ABIN656564 and ABIN2845824). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CLDN2 gene.

Western Blotting

Image 3. Anti-CLDN2 Antibody at 1:1000 dilution + human heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the product details page for more images. Overall 4 images are available for ABIN656564.

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