# .-online.com antibodies

# 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

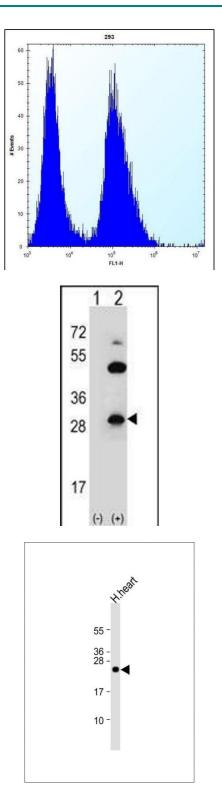
Purification:

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

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

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN656564 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

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.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN656564 | 09/12/2023 | Copyright antibodies-online. All rights reserved.