

Datasheet for ABIN7193684
anti-Claudin 6 antibody



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	Claudin 6 (CLDN6)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Claudin 6 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	CLDN6 Antibody
Immunogen:	Purified recombinant fragment of human CLDN6 (AA: extra(29-81) and extra(138-160)) expressed in E. Coli.
Clone:	8G5D2
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	Claudin 6 (CLDN6)
Alternative Name:	CLDN6 (CLDN6 Products)
Background:	Description:

Target Details

Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. This gene encodes a component of tight junction strands, which is a member of the claudin family. The protein is an integral membrane protein and is one of the entry cofactors for hepatitis C virus. The gene methylation may be involved in esophageal tumorigenesis. This gene is adjacent to another family member CLDN9 on chromosome 16.[provided by RefSeq, Aug 2010]

Aliases: CLDN6

Molecular Weight: 23.3kDa

Gene ID: 9074

UniProt: [P56747](#)

Pathways: [Hepatitis C](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200-1/400

Restrictions: For Research Use only

Handling

Format: Liquid

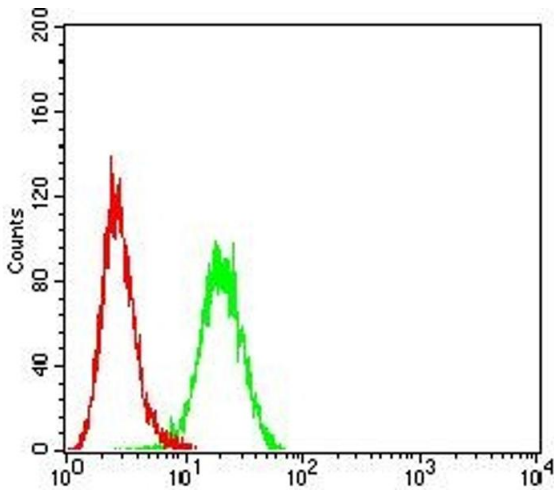
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

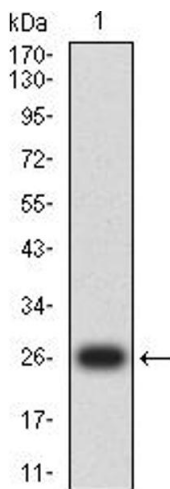
Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



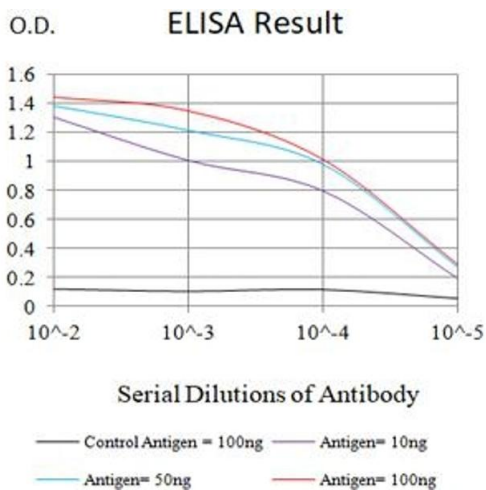
Flow Cytometry

Image 1. Flow cytometric analysis of Hepg2 cells using CLDN6 mouse mAb (green) and negative control (red).



Western Blotting

Image 2. Western blot analysis using CLDN6 mAb against human CLDN6 (AA: extra(29-81) and extra(138-160)) recombinant protein. (Expected MW is 26 kDa)



ELISA

Image 3. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193684.