

Datasheet for ABIN6242268

anti-Claudin 6 antibody (C-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	400 µL
Target:	Claudin 6 (CLDN6)
Binding Specificity:	AA 186-229, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 6 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This Mouse Cldn6 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 186-229 amino acids from the C-terminal region of mouse Cldn6.
Clone:	RB51201
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Claudin 6 (CLDN6)
Alternative Name:	Cldn6 (CLDN6 Products)
Background:	Plays a major role in tight junction-specific obliteration of the intercellular space, through

Target Details

	calcium- independent cell-adhesion activity (By similarity).
Molecular Weight:	23388
UniProt:	Q9Z262
Pathways:	Hepatitis C

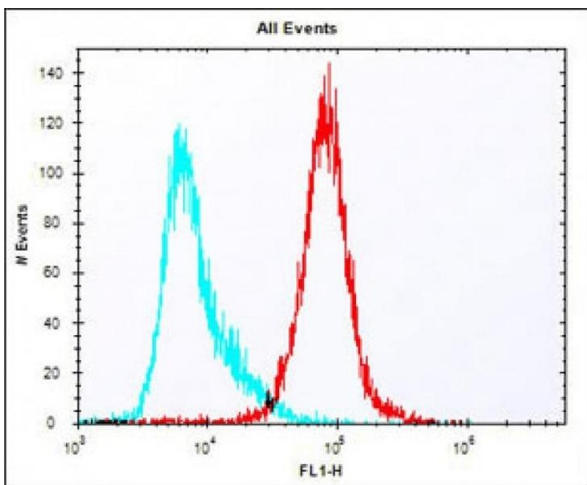
Application Details

Application Notes:	WB: 1:1000. FC: 1:25
Restrictions:	For Research Use only

Handling

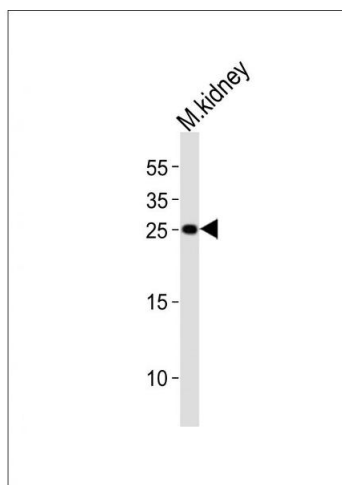
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Images



Flow Cytometry

Image 1. Overlay histogram showing colon26 cells stained with (ABIN6242268 and ABIN6577912) (red line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6242268 and ABIN6577912), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) (1583138) at 1/400 dilution for 40 min at 37 °C. Isotype control antibody (blue



line) was rabbit IgG1 (1 μ g/ 1×10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.

Western Blotting

Image 2. Western blot analysis of lysate from mouse kidney tissue lysate, using Cldn6 Antibody (C-term) (ABIN6242268 and ABIN6577912). (ABIN6242268 and ABIN6577912) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 μ g.