

Datasheet for ABIN933776
anti-Cadherin 5 antibody



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1 Image

Overview

Quantity:	500 µg
Target:	Cadherin 5 (CDH5)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Immunogen:	CD144 antibody was raised in rat using mouse VE?cadherin (CD144) as the immunogen.
Clone:	CW24
Isotype:	IgG1 kappa

Target Details

Target:	Cadherin 5 (CDH5)
Alternative Name:	CD144 (CDH5 Products)
Background:	VE?Cadherin is a 120 kDa member of the type II Cadherin family, characterized by the presence of 5 extracellular cadherin domains (ECD), and anchored to the actin cytoskeleton through their cytoplasmic tail. VE?Cadherin mediates homophilic adhesion between neighbouring endothelial cells and is localized within specialized structures at cell?cell contacts, called adherens junctions. Synonyms: Monoclonal CD144 antibody, Anti-CD144 antibody.

Target Details

Pathways: [Cell-Cell Junction Organization, Signaling Events mediated by VEGFR1 and VEGFR2](#)

Application Details

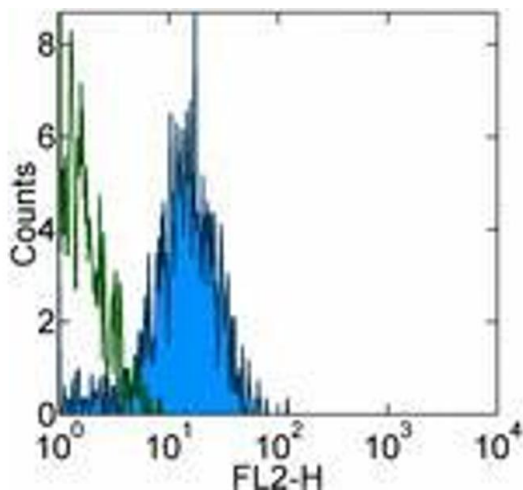
Application Notes: FC: 1 µg/test
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Supplied as an aqueous buffer solution containing 0.09 % NaN ₃ .
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

Images



Flow Cytometry

Image 1. Staining of bEnd.3 cell line with 0.5 ug of Rat IgG1 K Isotype Control (open histogram) or 0.5 ug of CD144 antibody (filled histogram) followed by F(ab'')₂ Anti-Rat IgG (PE). Total viable cells were used for analysis.