Datasheet for ABIN2688977

anti-Cadherin 5 antibody

1 Publication

Go to Product page

Overview

Quantity:	0.1 mg
Target:	Cadherin 5 (CDH5)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cadherin 5 antibody is un-conjugated
Application:	ELISA, Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Fluorescence Microscopy (FM)

Product Details

Brand:	BD Pharmingen™
Clone:	55
Isotype:	IgG1 kappa
Characteristics:	Reacts with a calcium-independent epitope on cadherin-5, a new member of the cadherin family of calcium-dependent adhesion molecules. Cadherin-5 is expressed on endothelial cells in vivo and in vitro. It may play a role in the organization of lateral endothelial junctions and in the control of permeability properties of vascular endothelium. This antibody is routinely tested by immunohistochemistry. Other applications were tested during antibody development only or reported in the literature. BD Pharmingen™ Purified Mouse Anti-Human CD144 - Purified - Clone 55-7H1 - Isotype Mouse IgG1, κ - Reactivity Hu - 0.1 mg

Product Details

Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

Target Details

Target:	Cadherin 5 (CDH5)
Alternative Name:	CD144 (CDH5 Products)
Background:	Synonyms: VE-caderin
Pathways:	Cell-Cell Junction Organization, Signaling Events mediated by VEGFR1 and VEGFR2

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	Aqueous buffered solution containing ≤0.09 % 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
Storage Comment:	Store undiluted at 4°C.

Publications

Product cited in:	Lampugnani, Resnati, Raiteri, Pigott, Pisacane, Houen, Ruco, Dejana: "A novel endothelial-specific membrane protein is a marker of cell-cell contacts." in: **The Journal of cell biology**, Vol. 118, Issue 6, pp. 1511-22, (1992) (PubMed).