

Datasheet for ABIN7455190

Recombinant anti-Cadherin 5 antibody (AA 48-599)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Cadherin 5 (CDH5)
Binding Specificity:	AA 48-599
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-VE-Cadherin Recombinant Monoclonal Antibody [BLR091G]
Immunogen:	residues 48-599 (ECD)
Clone:	BLR091G
Isotype:	IgG

Target Details

Target:	Cadherin 5 (CDH5)
Alternative Name:	VE-Cadherin (CDH5 Products)

Target Details

Background:	Background: Cadherins are calcium-dependent cell adhesion proteins that preferentially interact with themselves in a homophilic manner in adjacent cells. VE-Cadherin, or Cadherin-5 plays an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. It associates with alpha-catenin forming a link to the cytoskeleton and acts in concert with KRIT1 and MPP5 to establish and maintain correct endothelial cell polarity and vascular lumen. [taken from the Universal Protein Resource (UniProt) P33151].
Gene ID:	1003
NCBI Accession:	NP_001786
UniProt:	P33151
Pathways:	Cell-Cell Junction Organization, Signaling Events mediated by VEGFR1 and VEGFR2

Application Details

Application Notes:	IHC-IF: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 6 µL/1 mg lysate ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections. WB: 17:40:00
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Borate Buffered Saline (BBS) pH 8.2 with 0.09 % Sodium Azide, BSA-Free
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
Expiry Date:	12 months