

## VE-Cadherin mouse Monoclonal Antibody(8E5)

### Description

Product type	Primary Antibody
Code	BT-MCA1284
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of VE-Cadherin at AA range of 670-750
Mol wt	N/A
Species reactivity	Human,Rat,Mouse
Clonality	Monoclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	CDH5
Synonyms	CDH5

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

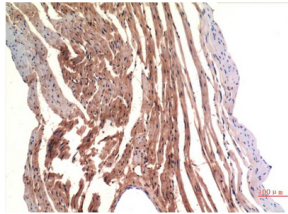
This gene encodes a classical cadherin of the cadherin superfamily. The encoded preproprotein is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion molecule is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Functioning as a classical cadherin by imparting to cells the ability to adhere in a homophilic manner, this protein plays a role in endothelial adherens junction assembly and maintenance. This gene is located in a gene cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer.

### Recommended Dilution

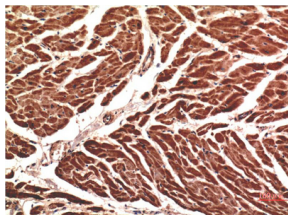
IHC: 1:100-200

Not yet tested in other applications.

### Images



Immunohistochemical analysis of paraffin-embedded Rat Heart Tissue using VE-Cadherin Mouse Monoclonal antibody diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Heart Tissue using VE-Cadherin Mouse Monoclonal antibody diluted at 1:200.

## Storage

-20°C for one year

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