



Rabbit Anti-Mouse CDH5 monoclonal antibody, clone KK1052 (CABT-B1550)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	VE Cadherin
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Clone	KK1052
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB,IP
Molecular Weight	88/125 kDa
Cellular Localization	Cell junction, Cell membrane.
Positive Control	Mouse heart tissue, mouse placenta tissue, mouse spleen tissue, mouse lung tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

The cadherins are a family of Ca-dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. Cadherins each contain a large extracellular domain at the amino-terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. The relatively short carboxy-terminal, intracellular domain interacts with a variety of cytoplasmic proteins, including β -catenin, to regulate cadherin function. VE-cadherin (for vascular endothelial cadherin, also designated cadherin-5) is localized at intercellular junctions of endothelial cells, where it is thought to play a role in the cohesion and organization of intercellular junctions.

Keywords

7B 4;7B4;7B4 antigen;CADH5_HUMAN;Cadherin 5;Cadherin 5 type 2;Cadherin 5, type 2 (vascular endothelium);Cadherin 5, type 2, VE cadherin (vascular epithelium);cadherin, vascular endothelial;cadherin, vascular endothelial, 1;Cadherin-5;Cadherin5;CD 144;CD144;CD144 antigen;CDH 5;CDH5;CDH5 protein;Endothelial specific cadherin;FLJ17376;OTTHUMP00000174777;Vascular endothelial cadherin;Vascular epithelium cadherin;VE Cad;VE-cadherin;VEC antibody

GENE INFORMATION

Entrez Gene ID

[6469](#)
