



# 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

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

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<b>Storage</b>	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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## BACKGROUND

<b>Introduction</b>	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 $\beta$ -catenin, to regulate cadherin function. VE-cadherin (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.
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<b>Keywords</b>	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
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## GENE INFORMATION

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Entrez Gene ID	<a href="#">6469</a>
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