

## Product datasheet for **TA320306**

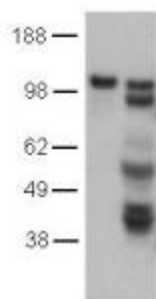
### VE Cadherin (CDH5) Mouse Monoclonal Antibody [Clone ID: 16B1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	16B1
Applications:	WB
Recommended Dilution:	Flow, ICC, WB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cadherin 5
Database Link:	<a href="#">NP_001786</a> <a href="#">Entrez Gene 1003 Human P33151</a>
Background:	The 16B1 antibody reacts with human CD144, also known as VE-cadherin and cadherin-5. The cadherin family of receptors, which are calcium-dependent adhesion molecules, is known to be involved in homophilic cell interactions. VE-cadherin, which is 140 kDa, is localized at the intercellular boundaries of endothelial cells in blood and lymphatic vessels in several tissues. It is thought to play a role in vascular permeability and remodeling.
Synonyms:	7B4; CD144
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration



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**Product images:**

EDTA-passaged (left) and Trypsin-passaged (right) Human Umbilical Vein Endothelial Cells (HUVEC) were resolved by SDS -PAGE and immunoblotted with 2 ug/mL of Anti-Human CD144 (VE-Cadherin) Purified and revealed with Anti-Rat IgG HRP.