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## Product Datasheet

### **CD31 / PECAM-1 (Endothelial Cell Marker) Antibody, IgG1, Clone: [PECAM1/4341], Mouse, Monoclonal NBT-5175-MSM31-P1ABX**

Article Name	CD31 / PECAM-1 (Endothelial Cell Marker) Antibody, IgG1, Clone: [PECAM1/4341], Mouse, Monoclonal
Biozol Catalog Number	NBT-5175-MSM31-P1ABX
Supplier Catalog Number	5175-MSM31-P1ABX
Alternative Catalog Number	NBT-5175-MSM31-P1ABX-100
Manufacturer	NeoBiotechnologies
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant fragment (around aa 1-350) of human CD31 protein (exact sequence is proprietary)
Product Description	CD31 (PECAM-1) is a transmembrane glycoprotein member of the immunoglobulin supergene family of adhesion molecules. CD31 is expressed by stem cells of the hematopoietic system and is primarily used to identify and concentrate these cells for experime...
Clonality	Monoclonal
Clone Designation	[PECAM1/4341]
Molecular Weight	~100kDa (endothelium) and ~130kDa (platelets)
Isotype	IgG1

NCBI	<a href="#">5175</a>
UniProt	<a href="#">P16284</a>
Form	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Antibody Type	Monoclonal Antibody
Application Notes	Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 &degC followed by cooling at RT for 20 minutes),Optimal diluti