

Anti-CD31 (PECAM-1) Rabbit Monoclonal Antibody, Clone#RM247

Catalog Number: M01513-3

Overview

Product Name	Anti-CD31 (PECAM-1) Rabbit Monoclonal Antibody, Clone#RM247
Reactive Species	Human
Description	Boster Bio Anti-CD31 (PECAM-1) Rabbit Monoclonal Antibody, Clone#RM247 (Catalog # M01513-3). Tested in IHC, WB applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Monoclonal RM247
Formulation	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P16284

Technical Details

Immunogen	A peptide corresponding to the cytoplasmic domain of human CD31
Cross Reactivity	This antibody reacts to human CD31 (Platelet endothelial cell adhesion molecule, PECAM-1).
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Immunohistochemistry (IHC): 1:1000-1:2500 dilution</p> <p>WB: 1:1000-1:2000 dilution.</p>

Anti-CD31 (PECAM-1) Rabbit Monoclonal Antibody, Clone#RM247 (M01513-3) Images

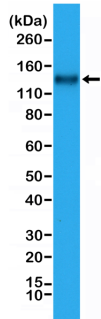


Figure 1. Western Blotting result
Western Blot of Jurkat cell lysate, using Anti-CD31 RM247 at a 1:1000 dilution, showed CD31 (~130 kDa) expression in Jurkat cells.

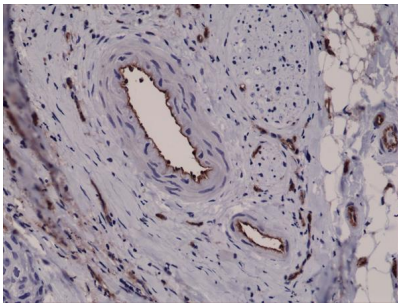


Figure 2. IHC result
Immunohistochemical staining of formalin fixed and paraffin embedded human breast cancer tissue sections using Anti-CD31 RM247 at a 1:2500 dilution.

9 Publications Citing This Product

1. PubMed ID: 10.1016/j.jvs.2010.08.020, The impact of vascular endothelial growth factor-transfected human endothelial cells on endothelialization and restenosis of stainless steel stents
2. PubMed ID: 30008838, EPCR promotes MGC803 human gastric cancer cell tumor angiogenesis in vitro through activating ERK1/2 and AKT in a PAR1-dependent manner
3. PubMed ID: 27811372, The induction of autophagy against mitochondria-mediated apoptosis in lung cancer cells by a ruthenium (II) imidazole complex

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