BOSTER BIOLOGICAL TECHNOLOGY
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Anti-VCAM1/Cd106 Rabbit Monoclonal Antibody

Catalog Number: M01199-1

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Overview

Product Name	Anti-VCAM1/Cd106 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-VCAM1/Cd106 Rabbit Monoclonal Antibody catalog # M01199-1. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal DCA-22
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P19320

Technical Details

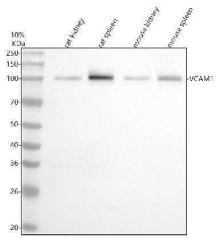
Immunogen	A synthesized peptide derived from human VCAM1
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

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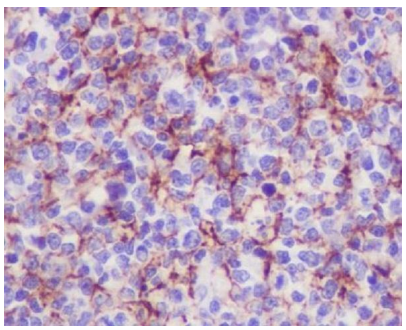
	IHC, 1:50-200 ICC/IF, 1:50-200 IP, 1:20 FC, 1:50

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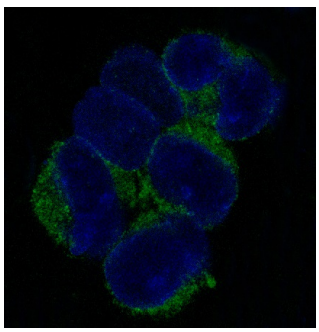
Anti-VCAM1/Cd106 Rabbit Monoclonal Antibody (M01199-1) Images



Western blot analysis of VCAM1/Cd106 using anti-VCAM1/Cd106 antibody (M01199-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat kidney tissue lysates, Lane 2: rat spleen tissue lysates, Lane 3: mouse kidney tissue lysates, Lane 4: mouse spleen tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-VCAM1/Cd106 antigen affinity purified monoclonal antibody (M01199-1) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for VCAM1/Cd106 at approximately 110 kDa. The expected band size for VCAM1/Cd106 is at 81 kDa.



Immunohistochemical analysis of paraffin-embedded human tonsil, using VCAM1 Antibody.



Immunofluorescent analysis of K562 cells, using VCAM1 Antibody .

4 Publications Citing This Product

1. PubMed ID: 33581205, Lian Y,Zhu M,Chen J,Yang B,Lv Q,Wang L,Guo S,Tan X,Li C,Bu W,Ding W,Jia X,Feng L. Characterization of a novel polysaccharide from Moutan Cortex and its ameliorative effect on AGEs-induced diabetic nephropathy. Int J Biol Macromol. 2021 Feb 10:S0141-8130(2

2. PubMed ID: 26616638, Isolation and morphological characterization of ovine amniotic fluid mesenchymal stem cells

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3. PubMed ID: 18575624, TSP-1 Secreted by Bone Marrow Stromal Cells Contributes to Retinal Ganglion Cell Neurite Outgrowth and Survival

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