

**VCAM1 Rabbit mAb**  
Catalog # AP74993**Specification**

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**VCAM1 Rabbit mAb - Product Information**

Application	<b>WB, IHC, IP</b>
Primary Accession	<a href="#">P19320</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>81276</b>

**VCAM1 Rabbit mAb - Additional Information****Gene ID** 7412**Other Names**

VCAM1

**Dilution**

WB~~1/500-1/1000

IHC~~1/50-1/100

IP~~1/20

**Format**

Liquid

**VCAM1 Rabbit mAb - Protein Information****Name** VCAM1**Function**

Cell adhesion glycoprotein predominantly expressed on the surface of endothelial cells that plays an important role in immune surveillance and inflammation (PubMed:<a href="http://www.uniprot.org/citations/31310649" target="\_blank">31310649</a>). Acts as a major regulator of leukocyte adhesion to the endothelium through interaction with different types of integrins (PubMed:<a href="http://www.uniprot.org/citations/10209034" target="\_blank">10209034</a>). During inflammatory responses, binds ligands on the surface of activated endothelial cells to initiate the activation of calcium channels and the plasma membrane-associated small GTPase RAC1 leading to leukocyte transendothelial migration (PubMed:<a href="http://www.uniprot.org/citations/22970700" target="\_blank">22970700</a>). Serves also as a quality- control checkpoint for entry into bone marrow by providing a 'don't-eat-me' stamping in the context of major histocompatibility complex (MHC) class-I presentation (PubMed:<a href="http://www.uniprot.org/citations/35210567" target="\_blank">35210567</a>).

**Cellular Location**

[Vascular cell adhesion protein 1]: Cell membrane; Single-pass type I membrane protein

### Tissue Location

Expressed on inflamed vascular endothelium, as well as on macrophage-like and dendritic cell types in both normal and inflamed tissue

### VCAM1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### VCAM1 Rabbit mAb - Images



