

VCAM1 Rabbit mAb
Catalog # AP74998**Specification**

VCAM1 Rabbit mAb - Product Information

Application	WB, IP
Primary Accession	P29533
Reactivity	Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	81317

VCAM1 Rabbit mAb - Additional Information**Other Names**

Vcam1

Dilution

WB~~1/500-1/1000

IP~~N/A

Format

Liquid

VCAM1 Rabbit mAb - Protein Information**Name** Vcam1**Synonyms** Vcam-1**Function**

Cell adhesion glycoprotein predominantly expressed on the surface of endothelial cells that plays an important role in immune surveillance and inflammation. Acts as a major regulator of leukocyte adhesion to the endothelium through interaction with different types of integrins. 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. Also serves 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.

Cellular Location

[Vascular cell adhesion protein 1]: Cell membrane {ECO:0000250|UniProtKB:P19320}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:P19320}

Tissue Location

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

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

