VCAM1 Rabbit mAb

Catalog No.: A23692 Recombinant



Basic Information

Observed MW

95-120kDa

Calculated MW

71KDa/74KDa/81KDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human

CloneNo number

ARC61231

Background

This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of artherosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 μ g/mL. Please optimize the

concentration based on your specific assay requirements.

Immunogen Information

Gene ID 7412 Swiss ProtP19320

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CD106; INCAM-100; VCAM1

Contact

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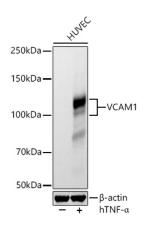
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



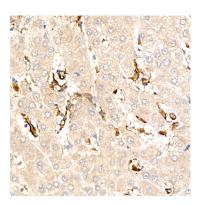
Western blot analysis of lysates from HUVEC cells using VCAM1 Rabbit mAb (A23692) at 1:1000 dilution incubated overnight at 4°C. HUVEC cells treated with hTNF-a (10 ng/ml) at 37°C for 16 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 30 µg per lane.

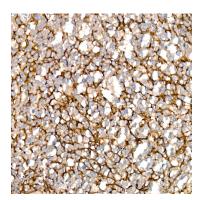
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10 s.



Immunohistochemistry analysis of paraffinembedded Human liver using VCAM1 Rabbit mAb (A23692) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human tonsil using VCAM1 Rabbit mAb (A23692) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.