

VCAM-1 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA1282
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human VCAM-1 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Vascular cell adhesion protein 1
Synonyms	VCAM1; L1CAM; Vascular cell adhesion protein 1; V-CAM 1; VCAM-1; INCAM-100; CD antigen CD106

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 atherosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene.

Recommended Dilution

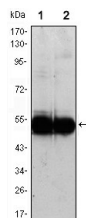
ELISA: 1:10000

IHC: 1:200 - 1:1000

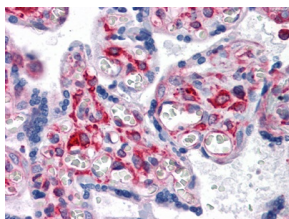
WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using VCAM-1 Monoclonal antibody against HUVEC (1) and EC (2) cell lysate.



Immunohistochemistry analysis of paraffin-embedded human Placenta tissues with AEC staining using VCAM-1 Monoclonal antibody.

Storage

-20°C for one year

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