Active Recombinant Mouse VCAM1 Protein, MIgG2a mFc-tagged, Alexa Fluor 488 conjugated

Cat. No. VCAM1-1793MAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse VCAM-1 (NP_035823.3) (Lys26-Glu698) (Alexa Fluor 488 conjugated) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO cell.
Species	Mouse
Source	CHO
Description	This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed bycytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion andsignal transduction, and may play a role in the development of artherosclerosis and rheumatoid arthritis. Threealternatively spliced transcripts encoding different isoforms have been described for this gene
Form	Lyophilized
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells.
Molecular Mass	100 kDa (monomer)
AA Sequence	Lys26-Glu698

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Endotoxin	< 0.06 EU/ μg as determined by LAL test.
Purity	> 98 % by SDS-PAGE under reducing conditions.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Stable for at least 1 year after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months when stored at -20 centigrade.
Concentration	100 μg/mL
Storage Buffer	Lyophilized from 0.2 μm filtered solution in PBS.
Reconstitution	Reconstitute at 100 μg/mL in sterile PBS.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	Vcam1 vascular cell adhesion molecule 1 [Mus musculus]
Official Symbol	VCAM1
Synonyms	VCAM1; vascular cell adhesion molecule 1; vascular cell adhesion protein 1; V-CAM 1; CD106; Vcam-1;
Gene ID	22329

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mRNA Refseq	NM_011693
Protein Refseq	NP_035823

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