

Datasheet for ABIN5684098
anti-VCAM1 antibody (AA 25-183)



[Go to Product page](#)

5 Images

Overview

Quantity:	0.1 mg
Target:	VCAM1
Binding Specificity:	AA 25-183
Reactivity:	Human, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This VCAM1 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD106 (AA: extra 25-183) expressed in E. coli.
Clone:	6A11D8
Isotype:	IgG1
Purification:	purified

Target Details

Target:	VCAM1
Alternative Name:	CD106 (VCAM1 Products)
Background:	Description: This gene is a member of the Ig superfamily and encodes a cell surface

Target Details

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.

Aliases: VCAM1, INCAM-100

Molecular Weight: 81.3 kDa

Gene ID: 7412

HGNC: 7412

Pathways: [Carbohydrate Homeostasis](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A

Restrictions: For Research Use only

Handling

Format: Liquid

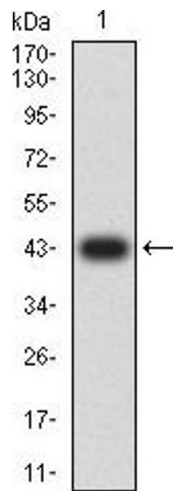
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

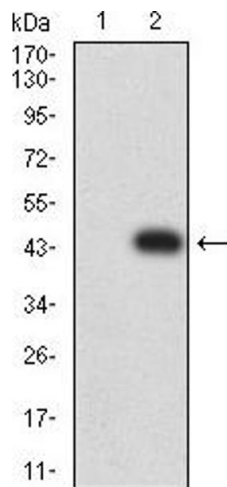
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



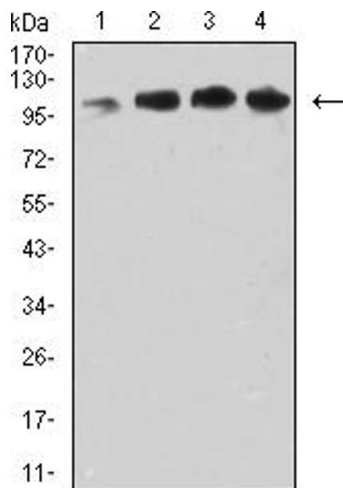
Western Blotting

Image 1. Western blot analysis using CD106 mAb against human CD106 (AA: extra 25-183) recombinant protein. (Expected MW is 43.6 kDa)



Western Blotting

Image 2. Western blot analysis using CD106 mAb against HEK293 (1) and CD106 (AA: extra 25-183)-hlgGFc transfected HEK293 (2) cell lysate.



Western Blotting

Image 3. Western blot analysis using CD106 mouse mAb against COS7 (1), MCF-7 (2), HepG2 (3), and HeLa (4) cell lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5684098.