

Datasheet for ABIN2613438
anti-ICAM1 antibody (AA 313-327)

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ICAM1
Binding Specificity:	AA 313-327
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	ICAM1 (aa313-327)
Sequence:	PNVILTKPEV SEGTE
Isotype:	IgG
Specificity:	The immunizing peptide represents part of the extracellular domain, and it does not overlap any known glycosite..
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	ICAM1
Alternative Name:	ICAM1 (ICAM1 Products)
Target Type:	Viral Protein
Background:	ICAM1, intercellular adhesion molecule 1, BB2, CD54, P3.58, ICAM-1, cell surface glycoprotein P3.58, human rhinovirus receptor, intercellular adhesion molecule 1 (CD54), human rhinovirus receptor, major group rhinovirus receptor
Gene ID:	3383
NCBI Accession:	NP_000192
Pathways:	Cellular Response to Molecule of Bacterial Origin , Regulation of Actin Filament Polymerization , Carbohydrate Homeostasis , Regulation of Leukocyte Mediated Immunity , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Western Blot: Approx 100 kDa band observed in Human Lung lysates (calculated MW of 57.8 kDa according to Human NP_000192.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-0.3 µg/mL. Primary incubation 1 hour at Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of A431 cells Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of Jurkat cells and Human peripheral blood monocytes
Restrictions:	For Research Use only

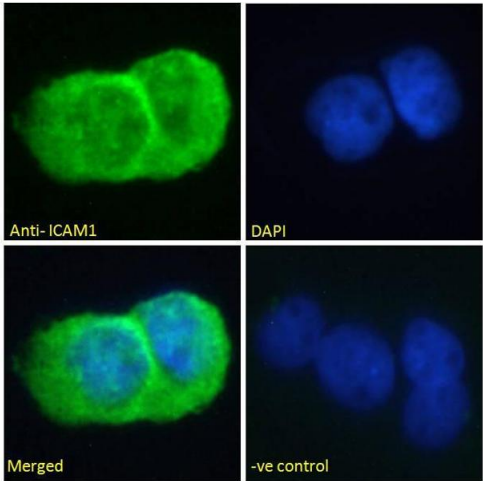
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

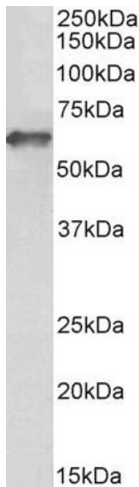
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



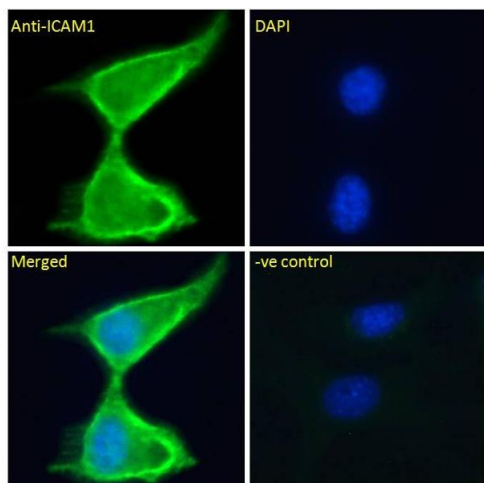
Immunofluorescence

Image 1. ABIN2613438 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Western Blotting

Image 2. ABIN2613438 (0.1µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunofluorescence

Image 3. ABIN2613438 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2613438.