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Research Use Only. Not for diagnostic or therapeutic use.

EB11754 - Goat Anti-ICAM1 (aa313-327) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: BB2, CD54, cell surface glycoprotein P3.58, human rhinovirus receptor, ICAM1, ICAM-1, intercellular adhesion molecule 1, intercellular adhesion molecule 1 (CD54), human rhinovirus receptor, major group rhinovirus receptor, P3.58

Official Symbol: ICAM1

Accession Number(s): NP_000192.2

Human GeneID(s): 3383

Important Comments: The immunizing peptide represents part of the extracellular

domain, and it does not overlap any known glycosite..

Immunogen

Peptide with sequence C-PNVILTKPEVSEGTE, from the internal region of the protein sequence according to NP_000192.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 100kDa band observed in Human Lung lysates (calculated MW of 57.8kDa according to Human NP_000192.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-0.3μg/ml. Primary incubation 1 hour at room temperature.

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. Recommended concentration: 10ug/ml.

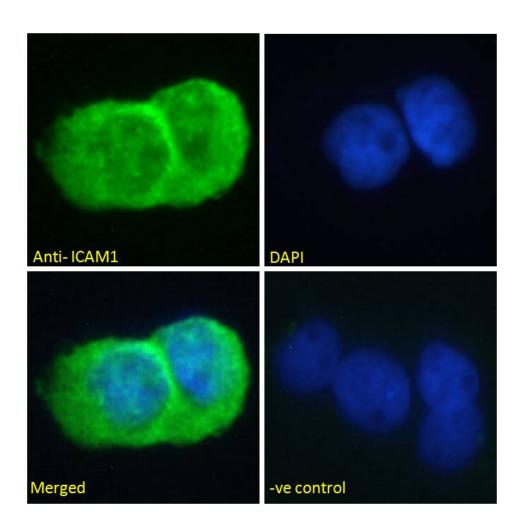
Species Reactivity

Tested: Human

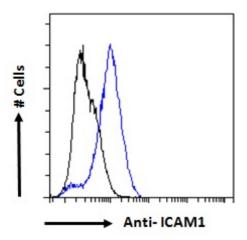
Expected from sequence similarity: Human



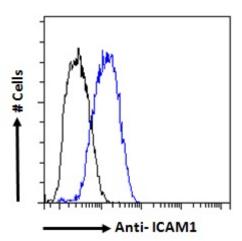
EB11754 (0.3µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB11754 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).



EB11754 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



EB11754 Flow cytometric analysis of paraformaldehyde fixed human peripheral blood monocytes (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.