

ICAM1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP8656b

Product Information

Application	WB, FC, E
Primary Accession	P05362
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	57825
Antigen Region	488-514

Additional Information

Gene ID	3383
Other Names	Intercellular adhesion molecule 1, ICAM-1, Major group rhinovirus receptor, CD54, ICAM1
Target/Specificity	This ICAM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 488-514 amino acids from the C-terminal region of human ICAM1.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ICAM1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ICAM1
Function	ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation.

Cellular Location

Membrane; Single-pass type I membrane protein.

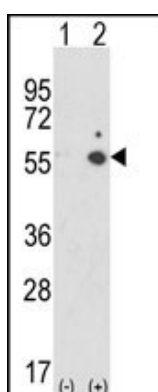
Background

ICAM1 is a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor.

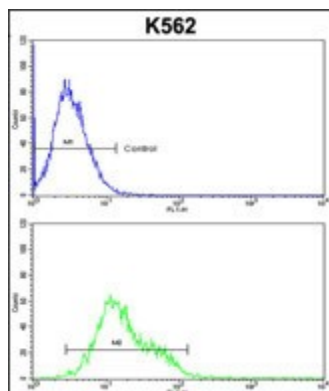
References

Denkers,I.A., et.al., Leuk. Res. 16 (5), 469-474 (1992)
Rossler,K., et.al., J. Neurosci. Res. 31 (2), 365-374 (1992)

Images



Western blot analysis of ICAM1 (arrow) using rabbit polyclonal ICAM1 Antibody (C-term) (Cat. #AP8656b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ICAM1 gene (Lane 2).



ICAM1 Antibody (C-term) (Cat. #AP8656b) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Citations

- [Long noncoding RNA atlas of the inflammation caused by asthma in mice](#)
- [Myocardin-related transcription factor A mediates OxLDL-induced endothelial injury.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.