

Anti-ICAM1 Antibody

Catalog Number: PA1110

About ICAM1

CD54, also known as ICAM-1. Intercellular adhesion molecule-1 (ICAM1) is a ligand for lymphocyte function-associated (LFA) antigens. Intercellular adhesion molecule-1 (ICAM-1) is an integral membrane protein, a member of the immunoglobulin superfamily, and a ligand for LFA-1, a beta 2 leukocyte integrin. ICAM1 protein is the major human rhinovirus receptor. ICAM1 gene is mapped to human chromosome 19. In humans, lymphocyte adhesion to cells is mediated by the protein heterodimer CD11a/CD18 (Leu-CAMa, LFA-1) and its ligand CD54 (ICAM-1).

Overview

Product Name	Anti-ICAM1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-ICAM1 Antibody catalog # PA1110. Tested in IHC, WB applications. This antibody reacts with Human.
Conjugate	FITC
Application	IHC, WB
Clonality	Monoclonal BAM-10
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Storage Instructions	The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze.
Host	Hamster
Uniprot ID	P05362

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human ICAM1.
Predicted Reactive Species	Monkey, Rabbit
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P).
Cross Reactivity	No cross reactivity with other proteins
Form	Lyophilized
Concentration	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen Affinity Purified

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

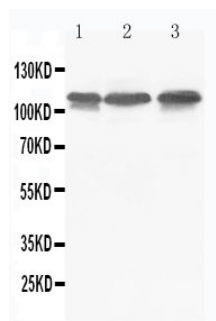
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, By Heat

Western blot, 0.1-0.5ug/ml, Human

Anti-ICAM1 Antibody (PA1110) Images

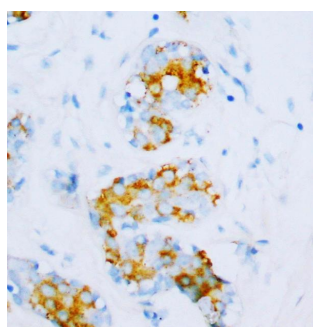


Anti-ICAM1 antibody, PA1110, Western blotting

Lane 1: MM231 Cell Lysate

Lane 2: HELA Cell Lysate

Lane 3: SW620 Cell Lysate



Anti-ICAM1 antibody, PA1110, IHC(P)

IHC(P): Human Mammary Cancer Tissue

24 Publications Citing This Product

1. PubMed ID: 21220004, Ji X, Gao J, Cai X, Lu W, Hu C, Wang Z, Cheng X, Gu Z, Wan G, Zhang S, Cao P. J Ethnopharmacol. 2011 Apr 12;134(3):624-9. Doi: 10.1016/J.Jep.2011.01.003. Epub 2011 Jan 8. Immunological Regulation Of Chinese Herb Guizhi Fuling Capsule On Rat Endome...
2. PubMed ID: 20103064, Li Y, Chen Y, Zhang J, Zhu Jf, Liu Zj, Liang Sy, Sun K, Liao Wy, Gong Jp. Am J Surg. 2010 Jan;199(1):35-42. Doi: 10.1016/J.Amjsurg.2008.11.039. Protective Effect Of Glutamine-Enriched Early Enteral Nutrition On Intestinal Mucosal Barrier Injury Af...
3. PubMed ID: 23575939, Wang Yq, Shen Y, Li F, Wang Ch, Zhang W. Cell Biochem Biophys. 2013;67(3):997-1004. Doi: 10.1007/S12013-013-9595-7. 2,3,4',5-Tetrahydroxystilbene-2-O-??-D-Glucoside Suppresses Expression Of Adhesion Molecules In Aortic Wall Of Dietary Atherosclero...

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