

Rabbit anti-Human ICAM-2 Polyclonal Antibody | anti-ICAM2 antibody

Anti-ICAM-2 Antibody, Rabbit Polyclonal

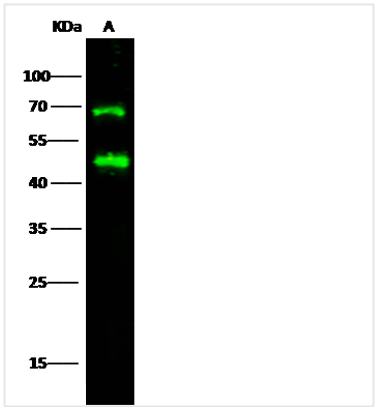
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254830	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

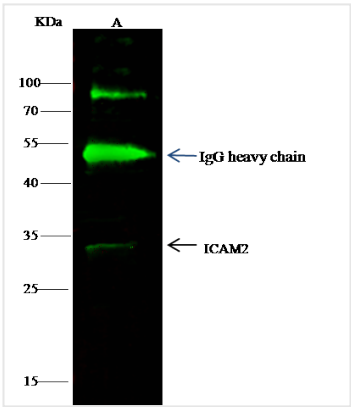
ICAM-2; Polyclonal Antibody; Anti-ICAM-2 Antibody; Rabbit Polyclonal; ICAM-2/CD102 Antibody; Rabbit PAb; Antigen Affinity Purified; intercellular adhesion molecule 2; Anti-CD102 Antibody; anti-ICAM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ICAM-2/CD102
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ICAM2 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human ICAM-2/CD102 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human ICAM-2/CD102 (rh ICAM-2/CD102). ICAM-2/CD102 specific IgG was purified by Human ICAM-2/CD102 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-ICAM2 rabbit polyclonal antibody at 1:500 dilution Lane A: HL60 Membrane Lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 31 kDa Observed band size: 47 kDa



IP (Immunoprecipitation)
ICAM2 was immunoprecipitated using: Lane A: 0.5 mg Hela Whole Cell Lysate 0.5 uL anti-ICAM2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein G. Primary antibody: Anti-ICAM2 rabbit polyclonal antibody, at 1:500 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 31 kDa Observed band size: 31 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ICAM2 antibody	Intercellular adhesion molecule 2 (ICAM-2, CD102), belongs to the ICAM family consisting of three members identified as ligands for integrin receptors. It is a type I transmembrane glycoprotein with two Ig-like C2-type domains and binds to the leukocyte integrins LFA-1 (CD11a/CD18) and Mac-1 (CD11b/CD18). As the second ligand of leukocyte function-associated antigen-1, ICAM-2 functions as a costimulatory molecule for effector cells. ICAM-2 is mainly expressed on vascular endothelial and hematopoietic cells. Interactions of ICAM-2 and the integrin receptors mediate cell adhesion in a wide range of lymphocyte, monocyte, natural killer cell, and granulocyte with other cells, and play important roles in many adhesion-dependent immune and inflammation responses, such as T cell aggregation, NK-cell cytotoxicity, and migration, lymphocyte recirculation, etc. Serum levels of ICAM-2 correlated significantly with the inflammatory and course sequences of trichinosis in mice and had a similar relationship with blood eosinophilia. So, estimation of ICAM-2 serum levels may prove useful in the identification of trichinosis recent infections, and in monitoring the prognosis and response to treatment.
References	Weber KS, et al. (2004) Sialylation of ICAM-2 on platelets impairs adhesion of leukocytes via LFA-1 and DC-SIGN. Inflammation. 28(4): 177-88. Tanaka H, et al. (2004) ICAM-2 gene therapy for peritoneal dissemination of scirrhous gastric carcinoma. Clin Cancer Res. 10(14): 4885-92. Younis AI, et al. (2005) Intercellular adhesion molecule-2 (ICAM-2) in experimental trichinosis. J Egypt Soc Parasitol. 35(3): 1019-26.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153082696
NCBI GeneID	3384
NCBI Accession #	NP_000864.2
NCBI GenBank Nucleotide #	NM_000873.3
UniProt Accession #	P13598; Q14600
Molecular Weight	30,654 Da
NCBI Official Full Name	intercellular adhesion molecule 2
NCBI Official Synonym Full Names	intercellular adhesion molecule 2
NCBI Official Symbol	ICAM2
NCBI Official Synonym Symbols	CD102
NCBI Protein Information	intercellular adhesion molecule 2; ICAM-2

UniProt Protein Name	Intercellular adhesion molecule 2
UniProt Gene Name	ICAM2
UniProt Synonym Gene Names	ICAM-2
UniProt Entry Name	ICAM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/icam-2-antibody-immunoprecipitation-western-blot-elisa/254830>