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ICAM2 Recombinant Rabbit mAb

Catalog # AP100161

Product Information

Application	WB, IHC-P, IHC-F, IF, IP
Primary Accession	P35330
Other Accession	P35330
Reactivity	Mouse
Host	Rabbit
Clonality	Recombinant
Calculated MW	31390
Physical State	Liquid
Immunogen	A synthesized peptide derived from mouse ICAM 2
Epitope Specificity	1-240
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol.
SIMILARITY	Belongs to the immunoglobulin superfamily. ICAM family. Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	May play a role in lymphocyte recirculation by blocking LFA1 dependent cell adhesion. Mediates adhesive interactions important for antigen specific immune response, NK cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance.

Additional Information

Gene ID	15896
Other Names	CD102; Icam-2; Ly-60; ICAM2_HUMAN; ICAM2; ICAM2_MOUSE; Lymphocyte function-associated AG-1 counter-receptor; intercellular adhesion molecule 2
Dilution	WB=1:500-2000,IHC-P=1:50-200,IHC-F=1:50-200,IP=1:20-50,IF=1:50-200
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Icam2 {ECO:0000312|MGI:MGI:96394}
Function	Cell adhesion molecule that functions as a receptor ligand of the signaling

	receptor ITGAL:ITGB2/LFA-1 (lymphocyte-function associated (LFA) molecule 1) ensuring leukocyte cell-cell adhesion on resting cells (PubMed:1401904). Also endothelial blood vessels receptor ligand of dendritic cell (DC) CD209 signaling receptor that mediates triggering transendothelial migration of DC presursors from blood into peripheral tissues and, subsequently, into lymphoid tissues. Mediates adhesive interactions important for antigen presentation, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance (By similarity).
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:P13598}; Single-pass type I membrane protein. Cell projection, microvillus. Note=Co-localizes with RDX, EZR and MSN in microvilli.
Tissue Location	Expressed in endothelial cells and leukocytes. High levels found in lung

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