

Anti-ICAM3 / CD50 Rabbit Monoclonal Antibody

Catalog # ABO16312

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	P32942
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-ICAM3 / CD50 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human.

Additional Information

Gene ID	3385
Other Names	Intercellular adhesion molecule 3, ICAM-3, CDw50, ICAM-R, CD50, ICAM3
Calculated MW	59541
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 28I48
Immunogen	A synthesized peptide derived from human ICAM3 / CD50
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	ICAM3 (HGNC:5346)
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 apoptotic neutrophil phagocytosis by macrophages (PubMed: 1448173 , PubMed: 1448174 , PubMed: 23775590 , PubMed: 8325327 ,

PubMed:[8459213](#)). Is also a ligand for integrin ITGAD/ITGB2 (PubMed:[8777714](#)). Ligand of CD209 on dendritic cells (DC) through an integrin-independent mechanism that requires Ca(2+) and that forms a first contact between DC and resting T cell, facilitating the downstream DC-T cell clustering process and DC-induced proliferation of resting T Cells (PubMed:[10721994](#)).

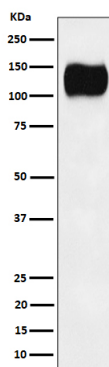
Cellular Location

Cell membrane; Single-pass type I membrane protein Note=Localization at uropodium is mediated through interaction with MSN.

Tissue Location

Constitutively expressed only on resting leukocytes (PubMed:8325327). No expressed on resting or cytokine-activated endothelial cells (PubMed:1448174).

Images



Western blot analysis of ICAM3 / CD50 expression in Ramos cell lysate.

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