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43-1031: Monoclonal Antibody to Human CD54 (ICAM-1) NALE™ Purified (Clone: 15.2)

Clonality :	Monoclonal
Clone Name :	15.2
Application :	FACS
Reactivity :	Human
Gene :	ICAM1
Gene ID :	3383
Uniprot ID :	P05362
Alternative Name :	Major group rhinovirus receptor, Intercellular adhesion molecule 1
Isotype :	Mouse IgG1

Description

The 15.2 antibody reacts with the 85-110 kDa intracellular adhesion molecule-1 (ICAM-1), a member of the Ig superfamily which acts as a ligand for the Lymphocyte Function-Associated Antigen-1 (LFA-1). ICAM-1 is also known CD54 and is expressed on non-hematopoietic cells of vascular endothelial, thymic epithelial, fibroblasts lineages, and on hematopoietic cells like macrophages, mitogen-stimulated T-lymphoblasts, dendritic cells in tonsils, lymph nodes and Peyer's patches, and germinal center B cells. Inflammatory mediators (IL-1, TNF, IFN-Gamma) enhance the production of ICAM-1 on fibroblasts and endothelial cells within few hours. Thus, ICAM-1 seems to be the marker of inflammatory reactions.

Product Info

Amount :	100ug / 500 µg
Content :	2 mg/ml in Phosphate-buffered aqueous solution, ph7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.