ICAM3 monoclonal antibody, clone MEM-04

Catalog # MAB0972 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native ICAM3.
Immunogen	Native purified ICAM3 from leukocytes of a patient suffering from a LGL-type leukemia.
Host	Mouse
Theoretical MW (kDa)	120-130
Reactivity	Human
Specificity	This antibody reacts with CD50 (ICAM-3), a 120-130 KDa type I membrane protein (immunoglobulin supergene family) expressed on leukocytes, endothelial cells and Langerhans cells; it is negative on platelets and erythrocytes. The MEM-04 blocks DC-SIGN (CD209) binding to ICAM-3 (epitope in D1).
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.

Applications

- Flow Cytometry

Gene Info — ICAM3

Entrez GeneID	3385

Gene Name	ICAM3
Gene Alias	CD50, CDW50, ICAM-R
Gene Description	intercellular adhesion molecule 3
Omim ID	146631
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule. [provided by RefSeq
Other Designations	intercellular adhesion molecule-3

Pathway

- Cell adhesion molecules (CAMs)

Disease

- Arthritis
- Birth Weight
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Hepatitis C
- Kidney Failure
- Leukemia

- Meningeal Neoplasms
- Meningioma
- Severe Acute Respiratory Syndrome