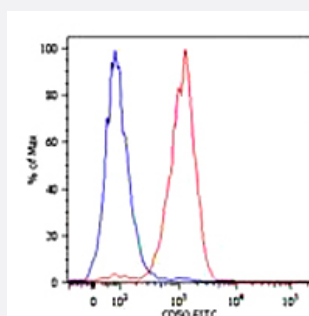


ICAM3 monoclonal antibody, clone MEM-171

Catalog # MAB0909 Size 100 ug

Applications



Flow Cytometry

Surface staining of Jurkat human peripheral blood leukemia T cell line with ICAM3 monoclonal antibody, clone MEM - 171 (Cat # MAB0909) FITC.

Specification

Product Description	Mouse monoclonal antibody raised against native ICAM3.
Immunogen	Native purified ICAM3 from human granulocytes.
Host	Mouse
Theoretical MW (kDa)	120-130
Reactivity	Human
Specificity	This antibody recognizes an epitope in the D2 domain of 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.
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)

Storage Instruction

Store at 4°C. Do not freeze.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunoprecipitation

- Flow Cytometry

Surface staining of Jurkat human peripheral blood leukemia T cell line with ICAM3 monoclonal antibody, clone MEM - 171 (Cat # MAB0909) FITC.

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](#)