

Product datasheet for **BM2448P**

ICAM1 Mouse Monoclonal Antibody [Clone ID: MEM-111]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MEM-111
Applications:	ELISA, FC, IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: <i>Recommended Dilution:</i> 10 µg/ml. <i>Positive tissue:</i> thymus, RE cells. Flow Cytometry: <i>Recommended Dilution:</i> 2 µg/ml. ELISA. Western blotting (Non-Reducing Conditions). <i>Positive Control:</i> RAJI cell line, K562 leukemia cell line, JY cell line, Activated T-lymphocytes.
Reactivity:	Human, Rat, Bovine
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Raji Human Burkitt's lymphoma cell line.
Specificity:	Clone MEM-111 reacts with CD54.
Formulation:	PBS, pH~7.4 State: Purified State: Liquid purified Ig fraction (95% pure by SDS-PAGE) Preservative: 15mM Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	intercellular adhesion molecule 1



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Database Link: [Entrez Gene 3383 Human P05362](#)

Background: ICAM-1 (MW 90 kD) is a member of the C2 subset of immunoglobulin superfamily. It is a transmembrane molecule with 7 potential N-glycosylated sites, expressed on resting monocytes and endothelial cells and can be upregulated on many other cells, e.g. with lymphokines, on B- and T-lymphocytes, thymocytes, dendritic cells and also on keratinocytes, chondrocytes, as well as epithelial cells. CD54 mediates cell adhesion by binding to integrins CD11a/CD18 (LFA-1) and to CD11b/CD18 (Mac-1). The interaction of CD54 with LFA-1 enhances antigen-specific T-cell activation.

Synonyms: ICAM-1

Product images:

