

Mouse anti-CD54/ICAM-1, clone MEM 111 (Monoclonal)

Clone no. MEM-111

MONOSAN

---

Product name	Mouse anti-CD54/ICAM-1, clone MEM 111 (Monoclonal)
Host	Mouse
Applications	WB, IHC-P, ELISA, FC , ICC
Species reactivity	Human, Cow, Rat
Conjugate	-
Immunogen	Raji human Burkitt's lymphoma cell line
Isotype	IgG2a
Clonality	Monoclonal
Clone number	MEM-111
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Mouse anti-CD54/ICAM-1, clone MEM 111 (Monoclonal)

Clone no. MEM-111

MONOSAN

**Additional info**

CD54 (ICAM-1) is a 90 kD 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.

**References**

1. -
2. -
3. -
4. -
5. -

**FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES**