

Mouse anti-CD54, Phycoerythrin (PE) conjugated, clone MEM-111 (Monoclonal)

Clone no. MEM-111

MONOSAN

Product name	Mouse anti-CD54, Phycoerythrin (PE) conjugated, clone MEM-111 (Monoclonal)
Host	Mouse
Applications	FC
Species reactivity	Human, Cow, Rat
Conjugate	PE
Immunogen	Raji human Burkitt's lymphoma cell line
Isotype	IgG2a
Clonality	Monoclonal
Clone number	MEM-111
Size	100 tests
Concentration	n/a
Format	-
Storage buffer	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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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

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