

Mouse anti-CD45RB, clone MEM-55, FITC (Monoclonal)

Clone no. MEM-55

MONOSAN

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Product name	Mouse anti-CD45RB, clone MEM-55, FITC (Monoclonal)
Host	Mouse
Applications	FC
Species reactivity	Non-human primates, Human
Conjugate	FITC
Immunogen	Human thymocytes and T lymphocytes.
Isotype	IgG1
Clonality	Monoclonal
Clone number	MEM-55
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**

CD45RB is an of a receptor-type protein tyrosine phosphatase, CD45 glycoprotein. CD45 is crucial in lymphocyte development and antigen signaling, serving as an important regulator of Src-family kinases, promotes cell survival by modulating integrin-mediated signal transduction pathway and is also involved in DNA fragmentation during apoptosis. CD45 isoforms differ in their extracellular domains, whereas they share identical transmembrane and cytoplasmic domains. These isoforms differ in their ability to translocate into the glycosphingolipid-enriched membrane domains and their expression depends on cell type and physiological state of the cell. CD45RB is expressed e.g. in microglia and inflammatory cells.

**References**

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