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30-1129: Anti-CD45RB Monoclonal Antibody (Clone:MEM-55)

Clonality :	Monoclonal
Clone Name :	MEM-55
Application :	FACS
Reactivity :	Human
Format :	Purified
Isotype :	Mouse IgG1
Immunogen Information :	Human thymocytes and T lymphocytes.

Description

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.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Immunohistochemistry (paraffin sections): No pre-treatment of tissue sections is needed.
Flow cytometry: Recommended dilution: 0.5-2 µg/ml.

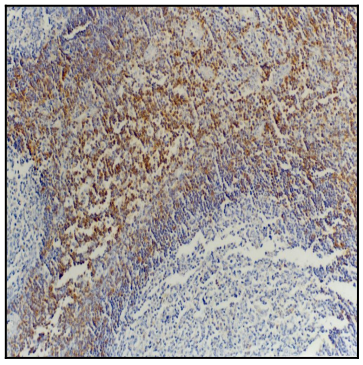

Figure 1: Immunohistochemistry of paraffin-embedded sections (tonsil)(paraffin-embedded sections) with anti-CD45RB (MEM-55).

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