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30-1132: Anti-CD53 Monoclonal Antibody (Clone:MEM-53)

Clonality: Monoclonal Clone Name: MEM-53 FACS Application: Reactivity: Human Gene: **CD53** Gene ID: 963 **Uniprot ID:** P19397 **Purified** Format:

Alternative Name: CD53,MOX44,TSPAN25

Isotype: Mouse IgG1

Immunogen Information : Leukocytes of pacient suffering from a LGL-type leukemia.

Description

CD53 is a tetraspanin family transmembrane glycoprotein expressed in the lymphoid-myeloid lineage. This molecule has been reported to form complexes with other leukocyte surface proteins such as CD2, CD19, CD21, MHC II, VLA-4 or tetraspanins CD37, CD81 and CD82, thus probably modulating various signaling processes. CD53 is involved in radioresistancy of tumour cells and its triggering has anti-apoptotic effect. In thymus, CD53 is up-regulated in response to positive selection signals during T cell development, and is strongly expressed upon macrophage exposure to bacterial lipopolysaccharide, whereas stimulation of neutrophils results in down-regulation of CD53 expression.

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 (frozen sections): It is suitable for discrimination of lymphomas from other tumors.

br>Flow cytometry: Recommended dilution: 1-5 µg/ml.