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30-1955: Anti-CD53 Monoclonal Antibody (Clone:MEM-53)-FITC Conjugated

Clonality :	Monoclonal
Clone Name :	MEM-53
Application :	FACS, IP, WB, IHC-Fr, Functional Assay
Reactivity :	Human
Conjugate :	FITC
Gene :	CD53
Gene ID :	963
Uniprot ID :	P19397
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 :	100 tests
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.