

## 30-2175: Anti-CD53 Monoclonal Antibody (Clone:MEM-53)-PE Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MEM-53
<b>Application :</b>	FACS, IP, WB, IHC-Fr, Functional Assay
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	PE
<b>Gene :</b>	CD53
<b>Gene ID :</b>	963
<b>Uniprot ID :</b>	P19397
<b>Alternative Name :</b>	CD53,MOX44,TSPAN25
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Leukocytes of patient 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 radioresistance 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

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

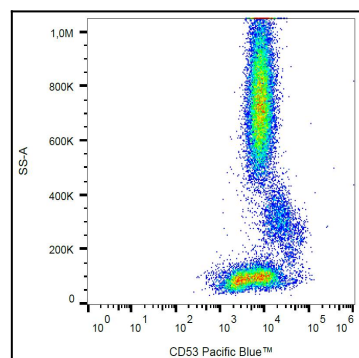


Figure 1: Surface staining of CD53 in human peripheral blood cells with anti-CD53 (MEM-53) PE.