

## 30-1710: Anti-CD27 Monoclonal Antibody (Clone:LT27)-APC Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	LT27
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	APC
<b>Gene :</b>	CD27
<b>Gene ID :</b>	939
<b>Uniprot ID :</b>	P26842
<b>Alternative Name :</b>	CD27,TNFRSF7
<b>Isotype :</b>	Mouse IgG2a
<b>Immunogen Information :</b>	Human peripheral blood lymphocytes

### Description

CD27 is a transmembrane 55 kDa protein of the nerve growth factor-receptor family, expressed as a disulfide-linked homodimer on mature thymocytes, peripheral blood T cells and a subpopulation of B cells. Activation of T cells via TCR-CD3 complex results in upregulation of CD27 expression on the plasma membrane as well as in the release of its soluble 28-32 kDa form, sCD27, detected in the plasma, urine or spinal fluid. This sCD27 is an important prognostic marker of acute and chronic B cell malignancies. RgpA, a cystein proteinase, although activating T cells through the protease-activated receptors (PARs), degrades CD27 and counteracts T cell activation mediated by CD27 and its ligand CD70.

### 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.

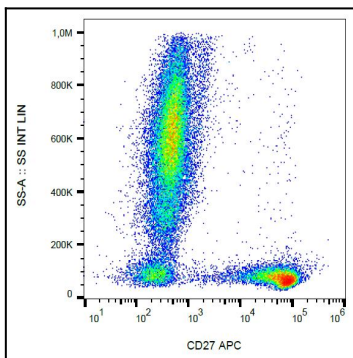


Figure 1: Surface staining of human peripheral blood cells with anti-human CD27 (LT27) APC.