



## CD27 (PT1818) Mouse mAb

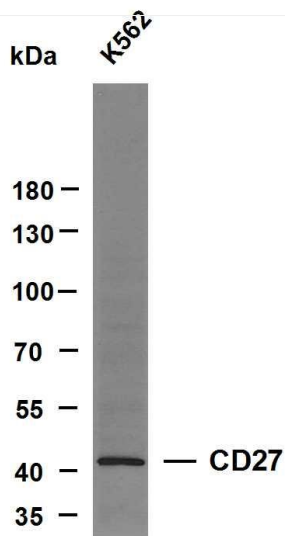
<b>Catalog No</b>	YP-Ab-18817
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB IF ELISA
<b>Gene Name</b>	CD27 TNFRSF7
<b>Protein Name</b>	CD27 antigen (CD27L receptor) (T-cell activation antigen CD27) (T14) (Tumor necrosis factor receptor superfamily member 7) (CD antigen CD27)
<b>Immunogen</b>	Synthesized peptide derived from human CD27 AA range: 160-260
<b>Specificity</b>	This antibody detects endogenous levels of CD27 protein.
<b>Formulation</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source</b>	Rabbit
<b>Purification</b>	Protein G
<b>Dilution</b>	WB 1:500-2000; IF 1:100-500; ELISA 1:1000-5000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	29kD
<b>Calculated Molecular</b>	40kD
<b>Cell Pathway</b>	Membranous
<b>Tissue Specificity</b>	Found in most T-lymphocytes.
<b>Function</b>	Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SIVA1.
<b>Background</b>	CD27 molecule(CD27) Homo sapiens The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor. [provided by RefSeq, Jul 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Whole cell lysates were separated by 8% SDS-PAGE, and the membrane was blotted with anti-CD27 (PT1818) antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody. Lane 1: K562