

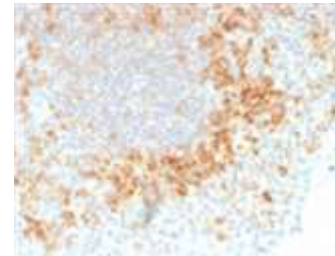
## Anti-CD27 Antibody (LPFS2/1611)

<b>CATALOG NO:</b>	A1483-100
<b>ALTERNATIVE NAMES:</b>	LPFS2; S152; T cell activation antigen S152; T-cell activation antigen CD27; T14; TNFRSF7; TNFSF7; Tp55; Tumor necrosis factor receptor superfamily member 7
<b>AMOUNT:</b>	100 µg
<b>IMMUNOGEN:</b>	Recombinant human CD27 protein (exact sequence is proprietary)
<b>HOST/ISOTYPE:</b>	Mouse / IgG1
<b>CLONALITY:</b>	Monoclonal
<b>CLONE:</b>	LPFS2/1611
<b>MOL WEIGHT:</b>	120 kDa
<b>SPECIES REACTIVITY:</b>	Human
<b>PURIFICATION:</b>	Protein A/G purified
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	Supplied in 10 mM PBS with 0.05% BSA & 0.05% azide
<b>STORAGE CONDITIONS:</b>	Shipped at 4°C. Long term storage at -20°C.

**DESCRIPTION:** Recognizes a protein of a disulfide-linked 120kDa dimer, identified as CD27. It is expressed on the majority of peripheral T cells, medullary thymocytes, memory-type B cells, and natural killer cells. It is a transmembrane phosphoglycoprotein that belongs to the tumor necrosis factor receptor (TNFR) superfamily. CD27 binds to its ligand CD70, a member of the TNF family, and induces T-cell co-stimulation and B-cell activation. It also interacts with TRAFs and is involved in activation of NF-κB and SAPK/JNK and induces apoptosis.

**APPLICATION:** FC: 0.5-1µg/1X10<sup>6</sup> cells  
 IF: 0.5-1µg/ml  
 IHC: 0.5-1 µg/ml for 30 minutes at RT  
 (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris buffer with 1mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes)

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



Formalin-fixed, paraffin-embedded human Tonsil stained with CD27 Monoclonal Antibody (LPFS2/1611).

### RELATED PRODUCTS:

- Anti-CD27 Antibody (Cat. No. A1074)
- FasL Antibody (Cat. No. 3345R)
- sCD27 Ligand, Human Recombinant (Cat. No. 7125)
- Anti-CD28 Antibody (Cat. No A1076)
- Human CellExp™ CD27 / TNFRSF7, Human recombinant (Cat. No. 9243)
- Anti-CD244 Antibody (2B4.69) (Cat. No. A1073)

**FOR RESEARCH USE ONLY! Not to be used on humans.**