

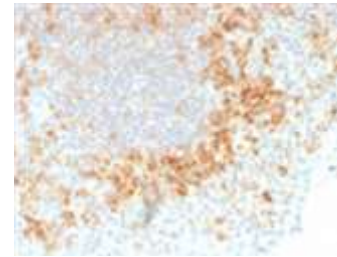
Anti-CD27 Antibody (LPFS2/1611)

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| CATALOG NO: | A1483-100 |
| ALTERNATIVE NAMES: | LPFS2; S152; T cell activation antigen S152; T-cell activation antigen CD27; T14; TNFRSF7; TNFSF7; Tp55; Tumor necrosis factor receptor superfamily member 7 |
| AMOUNT: | 100 µg |
| IMMUNOGEN: | Recombinant human CD27 protein (exact sequence is proprietary) |
| HOST/ISOTYPE: | Mouse / IgG1 |
| CLONALITY: | Monoclonal |
| CLONE: | LPFS2/1611 |
| MOL WEIGHT: | 120 kDa |
| SPECIES REACTIVITY: | Human |
| PURIFICATION: | Protein A/G purified |
| FORM: | Liquid |
| FORMULATION: | Supplied in 10 mM PBS with 0.05% BSA & 0.05% azide |
| STORAGE CONDITIONS: | 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/1X10⁶ 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.