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## 12-1104: Anti-CD27 (Tumor Necrosis Factor Receptor Superfamily 7) Recombinant Mouse Monoclonal Antibody (Clone:rLPFS2/1611)

Clonality: Monoclonal **Clone Name:** rLPFS2/1611 Application: FACS, IHC Reactivity: Human Gene: CD27 Gene ID: 939 **Uniprot ID:** P26842 Format: Purified

LPFS2; S152; T cell activation antigen S152; T-cell activation antigen CD27; T14; TNFRSF7; **Alternative Name:** 

TNFSF7; Tp55; Tumor necrosis factor receptor superfamily member 7

Isotype: Mouse IgG1, kappa

Recombinant human CD22 protein fragment (around aa 52-178) (exact sequence is **Immunogen Information:** 

proprietary)

## **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 NFkB and SAPK/JNK and induces apoptosis.

## **Product Info**

Amount: 20 μg / 100 μg **Purification:** Protein A/G

200µg/ml of recombinant MAb purified by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & Content:

0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody Storage condition:

is stable for 24 months. Non-hazardous.

## **Application Note**

Flow Cytometry (1-2Ã\\(\hat{A}\)pg/million cells);,Immunohistochemistry (Formalin-fixed) (1-2\(\hat{A}\)\(\hat{A}\)pg/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris buffer with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes),

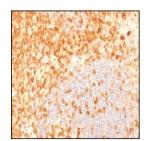


Figure 1: Formalin-fixed, paraffin-embedded human tonsil stained with CD27 Mouse Recombinant Monoclonal Antibody (rLPFS2/1611).



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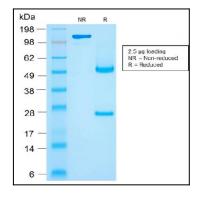


Figure 2: SDS-PAGE Analysis of Purified CD27 Mouse Recombinant Monoclonal Antibody (rLPFS2/1611).