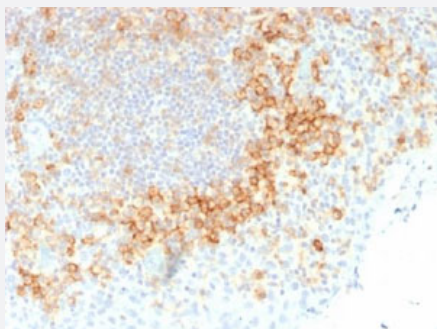


# CD27 monoclonal antibody, clone LPFS2/1611

Catalog # MAB14900      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CD27 monoclonal antibody, clone LPFS2/1611 (Cat # MAB14900).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against recombinant human CD27.
<b>Immunogen</b>	Recombinant protein corresponding to human CD27 (exact sequence is proprietary).
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Specificity</b>	Recognizes a protein of a disulfide-linked 120kDa dimer which identified as CD27.
<b>Form</b>	Liquid
<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgG1
<b>Recommend Usage</b>	Flow Cytometry (0.5-1 ug/million cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 10 mM PBS.

**Storage Instruction**

Store at 4°C. For long term storage store at -80°C.  
Aliquot to avoid repeated freezing and thawing.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CD27 monoclonal antibody, clone LPFS2/1611 (Cat # MAB14900).

- Immunofluorescence
- Flow Cytometry

## Gene Info — CD27

**Entrez GeneID** [939](#)

**Gene Name** CD27

**Gene Alias** MGC20393, S152, T14, TNFRSF7, Tp55

**Gene Description** CD27 molecule

**Omim ID** [186711](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** CD27 antigen|CD27L receptor|T cell activation antigen CD27|T cell activation antigen S152|tumor necrosis factor receptor superfamily, member 7

## Publication Reference

- [Expression of the T-cell activation antigens CD27 and CD28 in normal and psoriatic skin.](#)

De Rie MA, Cairo I, Van Lier RA, Bos JD.

Clinical and Experimental Dermatology 1996 Mar; 21(2):104.

Application: IHC-Fr, Human, Human skin biopsies

## Pathway

- [Cytokine-cytokine receptor interaction](#)

## Disease

- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Kidney Failure](#)
- [Multiple Myeloma](#)
- [Occupational Diseases](#)