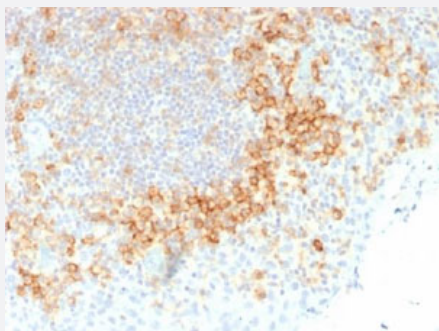


CD27 monoclonal antibody, clone LPFS2/1611

Catalog # MAB14899 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 # MAB14899).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human CD27.
Immunogen	Recombinant protein corresponding to human CD27 (exact sequence is proprietary).
Host	Mouse
Reactivity	Human
Specificity	Recognizes a protein of a disulfide-linked 120kDa dimer which identified as CD27.
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1
Recommend Usage	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.
Storage Buffer	In 10 mM PBS (0.05% BSA and 0.05% azide).

Storage Instruction

Store at 4°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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 # MAB14899).

- 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](#)