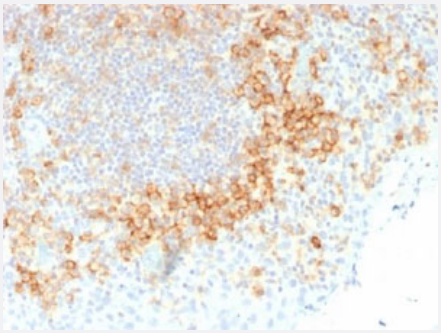
CD27 monoclonal antibody, clone LPFS2/1611

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 shoul d 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 r equired 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 transd uces 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 pr otein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important r ole in the apoptosis induced by this receptor. [provided by RefSeq
Other Designations	CD27 antigen|CD27L receptor|T cell activation antigen CD27|T cell antivation antigen S152|tumo r 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