

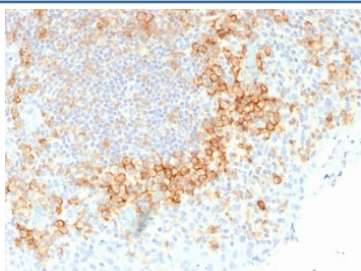
Recombinant CD27 Antibody [clone rLPFS2/1611] (V3558)

Catalog No.	Formulation	Size
V3558-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3558-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3558SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3558IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

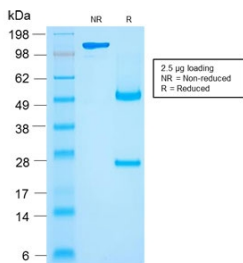
Recombinant **MOUSE MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rLPFS2/1611
Purity	Protein G affinity chromatography
UniProt	P26842
Localization	Cell surface
Applications	Flow Cytometry : 1-2ug/10 ⁶ cells Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This recombinant CD27 antibody is available for research use only.



IHC testing of FFPE human tonsil tissue with recombinant CD27 antibody (clone rLPFS2/1611). Required HIER: boil tissue sections in 10mM Tris buffer with 1mM EDTA, pH 9, for 10-20 min.



SDS-PAGE analysis of purified, BSA-free recombinant CD27 antibody (clone rLPFS2/1611) as confirmation of integrity and purity.

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.

Application Notes

Optimal dilution of the recombinant CD27 antibody should be determined by the researcher.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Human CD27 protein was used as the immunogen for the recombinant CD27 antibody.

Storage

Store the recombinant CD27 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).