

## Recombinant CD27 (Tumor Necrosis Factor Receptor Superfamily 7) Antibody

Mouse Monoclonal Antibody [Clone rLPFS2/1611]

Catalog No	Format	Size
939-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
939-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
939-MSM3-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

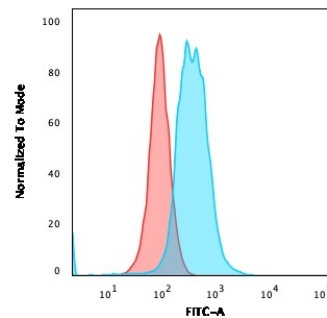
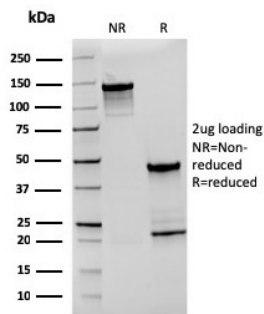
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

### Product Details

<b>Clone</b>	rLPFS2/1611
<b>Gene Name</b>	CD27
<b>Immunogen</b>	Recombinant human CD22 protein (exact sequence is proprietary)
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG1 / Kappa
<b>Mol. Weight of Antigen</b>	120kDa
<b>Cellular Localization</b>	Membrane
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Ramos cells. Human peripheral blood lymphocytes. Human tonsil and lymph node.

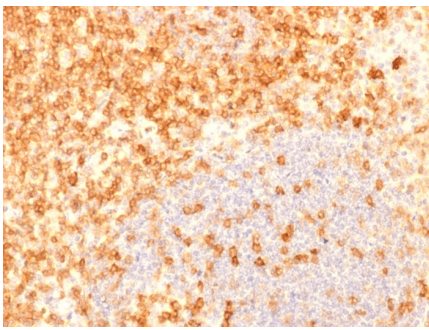
\*Optimal dilution for a specific application should be determined.

### Product Images for Recombinant CD27 (Tumor Necrosis Factor Receptor Superfamily 7) Antibody



SDS-PAGE Analysis of Purified CD27 Recombinant Mouse Monoclonal Antibody (rLPFS2/1611). Confirmation of Integrity and Purity of Antibody.

Flow Cytometric Analysis of Ramos cells using CD27 Recombinant Mouse Monoclonal Antibody (rLPFS2/1611) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



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

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### Specificity & Comments

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.

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### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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### Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

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### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

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### Research Areas

Immunology, AKT Signaling, B Cell Markers, Cytokine Signaling

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