

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

Rabbit Monoclonal Antibody [Clone LPFS2/8838R]

Catalog No	Format	Size
939-RBM16-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
939-RBM16-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
939-RBM16-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

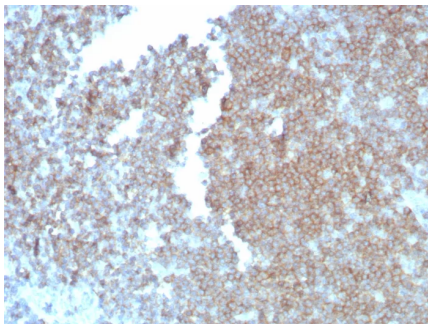
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

### Product Details

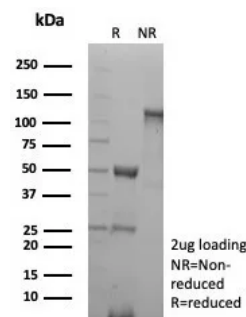
<b>Clone</b>	LPFS2/8838R
<b>Gene Name</b>	CD27
<b>Immunogen</b>	Recombinant human full-length CD22 protein (exact sequence is proprietary)
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG / Kappa
<b>Mol. Weight of Antigen</b>	120kDa
<b>Cellular Localization</b>	Cell surface.
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Human peripheral blood lymphocytes. Human tonsil and lymph node.

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

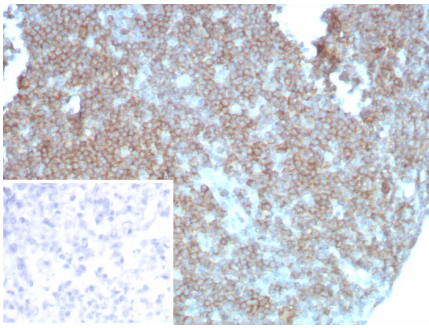
### Product Images for Recombinant CD27 (Tumor Necrosis Factor Receptor Superfamily 7) Antibody



Formalin-fixed, paraffin-embedded human lymph node stained with CD27 Rabbit Recombinant Monoclonal Antibody (LPFS2/8838R). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



SDS-PAGE Analysis of Purified CD27 Rabbit Recombinant Monoclonal Antibody (LPFS2/8838R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human lymph node stained with CD27 Rabbit Recombinant Monoclonal Antibody (LPFS2/8838R). Inset: PBS instead of primary antibody; secondary only negative control.

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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

AKT Signaling, B Cell Markers, Cytokine Signaling, Immunology

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