Recombinant CD27 (Tumor Necrosis Factor Receptor Superfamily 7) Antibody

Rabbit Monoclonal Antibody [Clone LPFS2/8607R]

Catalog No	Format	Size
939-RBM13-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
939-RBM13-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
939-RBM13-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

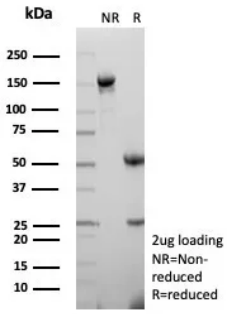
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

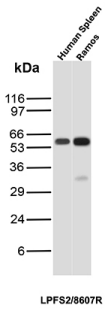
Clone	LPFS2/8607R
Immunogen	Recombinant full-length human CD27 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	29.14kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	Raji, Ramos cells. Human peripheral blood lymphocytes, Spleen

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

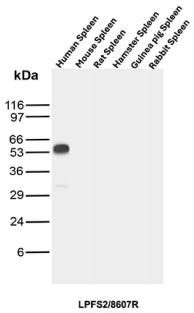
Product Images for Recombinant CD27 (Tumor Necrosis Factor Receptor Superfamily 7) Antibody



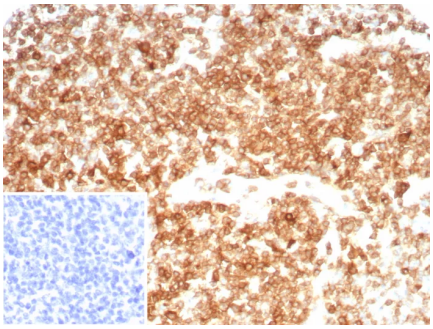
SDS-PAGE Analysis of Purified CD27 Rabbit Recombinant Monoclonal Antibody (LPFS2/8607R). Confirmation of Purity and Integrity of Antibody.



Western Blot analysis of Human Spleen and Ramos lysates using CD27 Rabbit Recombinant Monoclonal Antibody (LPFS2/8607R).



Western Blot Analysis of Human Spleen, Mouse Spleen, Rat Spleen, Hamster Spleen, Guinea pig Spleen, and Rabbit Spleen tissue lysates using CD27 Recombinant Rabbit Monoclonal Antibody (LPFS2/8607R).



Formalin-fixed, paraffin-embedded human tonsil stained with CD27 Rabbit Recombinant Monoclonal Antibody (LPFS2/8607R). Inset: PBS instead of primary antibody; secondary only negative control.

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.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

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.

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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