Catalog # 939-MSM14
Product Datasheet

Recombinant CD27 (Tumor Necrosis Factor Receptor Superfamily 7) Antibody

Mouse Monoclonal Antibody [Clone rLPFS2/8836]

Catalog No	Format	Size
939-MSM14-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
939-MSM14-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
939-MSM14-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

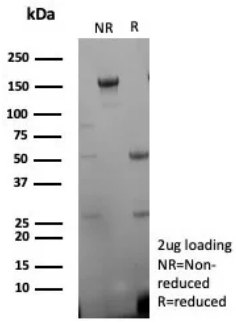
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	rLPFS2/8836
Gene Name	CD27
Immunogen	Recombinant human CD27 protein fragment (aa 28-170) (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	120kDa
Cellular Localization	Cell surface.
Species Reactivity	Human
Positive Control	Ramos cells. Human peripheral blood lymphocytes. Human tonsil and stomach tissues.

**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 (rLPFS2/8836). Confirmation of Purity and Integrity of Antibody.

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 NFï ? ?B and SAPK/JNK and induces apoptosis.

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.

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.

Research Areas

Immunology, AKT Signaling, B Cell Markers, Cytokine Signaling

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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