

Recombinant CD27 (Tumor Necrosis Factor Receptor Superfamily 7) Antibody

Mouse Monoclonal Antibody [Clone r137B4]

| Catalog No | Format | Size |
|-----------------|---|--------|
| 939-MSM25-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 939-MSM25-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 939-MSM25-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

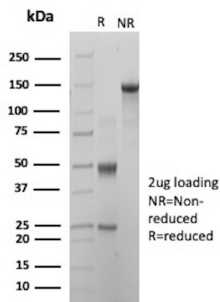
| Applications | Tested Dillution | Note |
|----------------------------|---------------------|---|
| Flow Cytometry (Flow) | 1-2ug/million cells | |
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA,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

Product Details

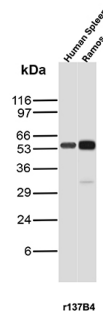
| | |
|-------------------------------|--|
| Clone | r137B4 |
| Gene Name | CD27 |
| Immunogen | Recombinant human CD27 protein |
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype / Light Chain | IgG1 / Kappa |
| Mol. Weight of Antigen | 55kDa |
| Cellular Localization | Cell membrane |
| Species Reactivity | Human |
| Positive Control | Ramos cells. Human peripheral blood lymphocytes. Human tonsil and stomach tissues. Human Spleen. |

*Optimal dilution for a specific application should be determined.

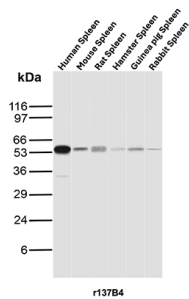
Product Images for Recombinant CD27 (Tumor Necrosis Factor Receptor Superfamily 7) Antibody



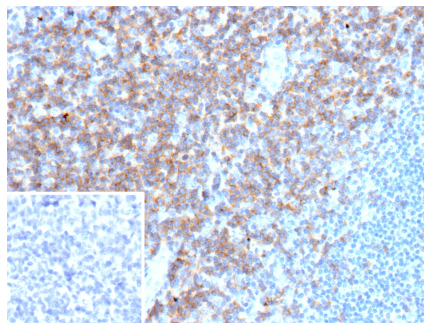
SDS-PAGE Analysis of Purified CD27 Recombinant Mouse Monoclonal Antibody (r137B4). Confirmation of Purity and Integrity of Antibody.



Western Blot analysis of Human Spleen and Ramos lysates using CD27 Recombinant Mouse Monoclonal Antibody (r137B4).



Western Blot Analysis of Human Spleen, Mouse Spleen, Rat Spleen, Hamster Spleen, Guinea pig Spleen and Rabbit Spleen tissue lysates using CD27 Recombinant Mouse Monoclonal Antibody (r137B4).



Formalin-fixed, paraffin-embedded human tonsil stained with CD27 Recombinant Mouse Monoclonal Antibody (r137B4). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

CD27 (also known as S152 or T14) 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 costimulation and B-cell activation. It also interacts with TRAFs and is involved in activation of NF κ B and SAPK/JNK and induces apoptosis.

Supplied As

200ug/ml of Ab produced in CHO cell 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.

Research Areas

AKT Signaling, B Cell Markers, Cytokine Signaling, Immuno Oncology, Immunology, Infectious Disease

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.