

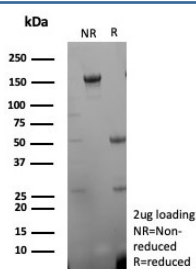
CD27 Antibody [clone rLPFS2/8836] (V4227)

| Catalog No. | Formulation | Size |
|----------------|---|--------|
| V4227-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4227-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V4227SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

Recombinant **MOUSE MONOCLONAL**

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| | |
|--------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Host | Mouse |
| Clonality | Recombinant Mouse Monoclonal |
| Isotype | Mouse IgG1, kappa |
| Clone Name | rLPFS2/8836 |
| Purity | Protein A/G affinity |
| UniProt | P26842 |
| Localization | Cell surface |
| Applications | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT |
| Limitations | This CD27 antibody is available for research use only. |



SDS-PAGE analysis of purified, BSA-free CD27 antibody (clone rLPFS2/8836) as confirmation of integrity and purity.

Description

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.

Application Notes

Optimal dilution of the CD27 antibody should be determined by the researcher.

Immunogen

A recombinant human CD27 protein fragment (within amino acids 28-170) was used as the immunogen for the CD27 antibody.

Storage

Aliquot the CD27 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.