

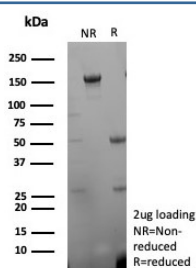
## CD27 Antibody [clone rLPFS2/8836] (V4227)

| 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**

[Bulk quote request](#)

|                    |   |
|--------------------|---|
| Availability       | 1-3 business days   |
| Species Reactivity | Human   |
| Format             | Purified  |
| 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.