

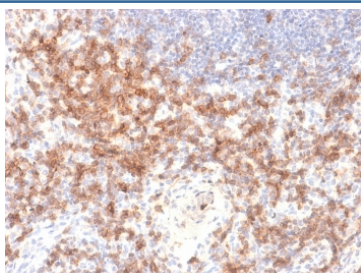
Recombinant CD27 Antibody [clone LPFS2/2034R] (V3680)

| Catalog No. | Formulation | Size |
|----------------|---|--------|
| V3680-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V3680-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V3680SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |
| V3680IHC-7ML | Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only* | 7 ml |

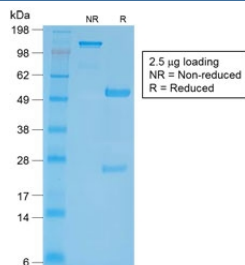
Recombinant **RABBIT MONOCLONAL**

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| | |
|--------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Host | Rabbit |
| Clonality | Recombinant Rabbit Monoclonal |
| Isotype | Rabbit IgG, kappa |
| Clone Name | LPFS2/2034R |
| Purity | Protein A affinity chromatography |
| UniProt | P26842 |
| Localization | Cell surface |
| Applications | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT |
| Limitations | This recombinant CD27 antibody is available for research use only. |



IHC testing of FFPE human lymph node with recombinant CD27 antibody (clone LPFS2/2034R). Required HIER: boil tissue sections in 10mM Tris buffer with 1mM EDTA, pH 9, for 10-20 min.



SDS-PAGE analysis of purified, BSA-free recombinant CD27 antibody (clone LPFS2/2034R) 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 recombinant CD27 antibody should be determined by the researcher.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Human CD27 protein was used as the immunogen for the recombinant CD27 antibody.

Storage

Store the recombinant CD27 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).