

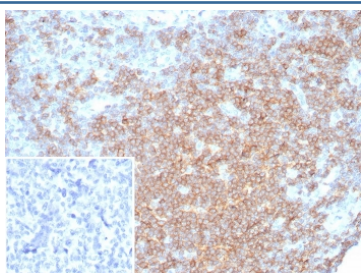
## CD27 Antibody [clone LPFS2/8316R] (V4233)

Catalog No.	Formulation	Size
V4233-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4233-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4233SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

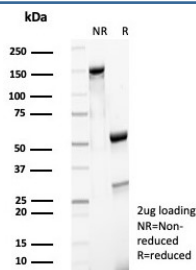
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG, kappa
<b>Clone Name</b>	LPFS2/8316R
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	P26842
<b>Localization</b>	Cell Surface
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
<b>Limitations</b>	This CD27 antibody is available for research use only.



IHC staining of FFPE human lymph node tissue with CD27 antibody (clone LPFS2/8316R). Inset: PBS used in place of primary Ab (secondary Ab negative control).  
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free CD27 antibody (clone LPFS2/8316R) 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

Recombinant human full-length protein 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.