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DATA SHEET

Rabbit Anti-CD27 Recombinant [LPFS2/2034R]: RM0258, RM0258RTU7

Intended Use: For Research Use Only

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.

Specifications

Clone:	LPFS2/2034R
Source:	Rabbit
Isotype:	IgG
Reactivity:	Human
Immunogen:	Recombinant human full-length CD27 protein (exact sequence is proprietary)
Localization:	Membrane
Formulation:	Antibody in PBS pH7.4, containing BSA, and ≤ 0.09% sodium azide (NaN3)
Storage:	Store at 2°- 8°C
Applications:	IHC

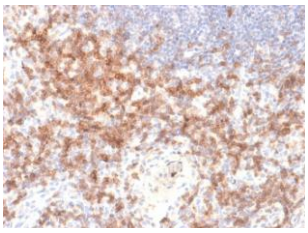
Package:

Description	Catalog No.	Size
CD27 Recombinant [LPFS2/2034R] Concentrated	RM0258	1 ml
CD27 Recombinant [LPFS2/2034R] Prediluted	RM0258RTU7	7 ml

IHC Procedure*:

Positive Control:	Human peripheral blood lymphocytes. Human tonsil and lymph node
Concentrated Dilution:	50-200
Pretreatment:	Tris EDTA pH9.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp:	30-60 minutes @ RT
Detection:	Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human lymph node stained with anti-CD27 using DAB

References:

1. Multiplex Staining by Sequential Immunostaining and Antibody Removal on Routine Tissue Sections. Bolognesi MM, et al. J Histochem Cytochem 65:431-444, 2017.
2. Non-proliferating plasma cells detected in the salivary glands and bone marrow of autoimmune NOD.B10.H2b mice, a model for primary Sjögren's syndrome. Szyszko EA, et al. Autoimmunity 49:41-9, 2016.
3. Genome-Wide Screening of mRNA Expression in Leprosy Patients. Belone Ade F, et al. Front Genet 6:334, 2015.

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