

Rabbit anti-Human CD27 Polyclonal Antibody | anti-CD27 antibody

Anti-CD27 Antibody, Rabbit Polyclonal

CATALOG # AAA254217	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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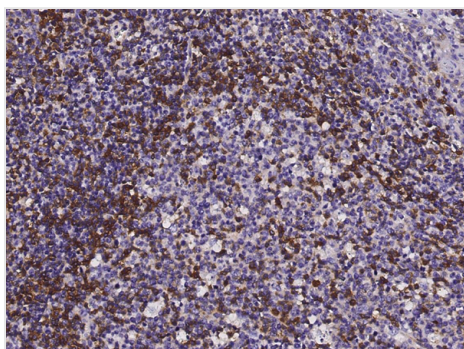
PRODUCT SYNONYMS

CD27; Polyclonal Antibody; Anti-CD27 Antibody; Rabbit Polyclonal; CD27 Antibody; Rabbit PAb; Antigen Affinity Purified; CD27 molecule; Anti-S152 Antibody; Anti-S152. LPFS2 Antibody; Anti-S152.LPFS2 Antibody; Anti-T14 Antibody; Anti-TNFRSF7 Antibody; Anti-Tp55 Antibody; anti-CD27 antibody

PRODUCT SPECIFICATIONS

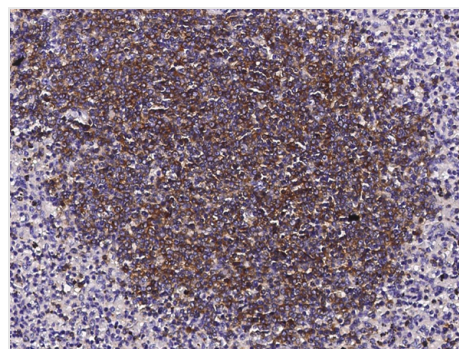
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CD27
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD27 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human CD27 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human CD27 (rh CD27). CD27 specific IgG was purified by Human CD27 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human CD27 in human tonsil with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human CD27 in human spleen with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CD27 antibody	CD27, also known as TNFRSF7, is a member of the TNF-receptor superfamily limited to cells of the lymphoid lineage, and exists as both a dimeric glycoprotein on the cell surface and as a soluble protein in serum. As a type I transmembrane glycoprotein of about 55 kDa existing as disulfide-linked homodimer, CD27 has been shown to play roles in lymphoid proliferation, differentiation, and apoptosis. It has an important role in the generation of T cell immunity and is an robust marker for normal memory B cells. It is a T and B cell co-stimulatory molecule, the activity of CD27 is governed by its TNF-like ligand CD70 on lymphocytes and dendritic cells. The CD27-CD70 interaction is required for Th1 generation responses to differentiation signals and long-term maintenance of T cell immunity, and meanwhile, plays a key role in regulating B-cell differentiation, activation and immunoglobulin synthesis.
Product Categories/Family for anti-CD27 antibody	Cancer Drug Targets
References	Drner T, et al. (2004) Correlation of circulating CD27 high plasma cells and disease activity in systemic lupus erythematosus. Lupus. 13(5): 283-9. Sahota SS, et al. (2009) CD27 in defining memory B-cell origins in Waldenström's macroglobulinemia. Clin Lymphoma Myeloma. 9(1): 33-5. Jiang J, et al. (2010) Reduced CD27 expression on antigen-specific CD4+ T cells correlates with persistent active tuberculosis. J Clin Immunol. 30(4): 566-73.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507587
NCBI GeneID	939
NCBI Accession #	NP_001233.1
NCBI GenBank Nucleotide #	NM_001242.4
UniProt Accession #	P26842; B2RDZ0
Molecular Weight	29,137 Da
NCBI Official Full Name	CD27 antigen
NCBI Official Synonym Full Names	CD27 molecule
NCBI Official Symbol	CD27
NCBI Official Synonym Symbols	T14; S152; Tp55; TNFRSF7; S152. LPFS2
NCBI Protein Information	CD27 antigen; CD27L receptor; T cell activation antigen S152; T-cell activation antigen CD27; tumor necrosis factor receptor superfamily, member 7
UniProt Protein Name	CD27 antigen
UniProt Gene Name	CD27
UniProt Synonym Gene Names	TNFRSF7
UniProt Entry Name	CD27_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cd27-antibody-immunohistochemistry-elisa/254217>