

Rabbit anti-Mouse CD27 Monoclonal Antibody | anti-CD27 antibody

Recombinant Anti-CD27 Antibody, Rabbit Monoclonal

CATALOG # AAA257086	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

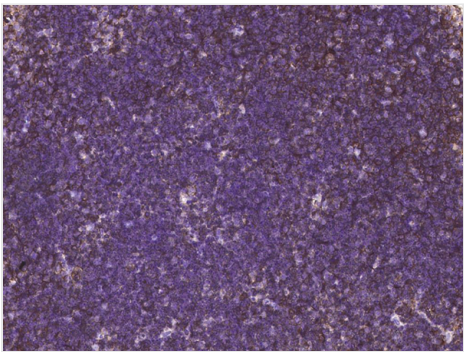
PRODUCT SYNONYMS

CD27; Monoclonal Antibody; Recombinant Anti-CD27 Antibody; Rabbit Monoclonal; CD27/TNFRSF7 Antibody; Rabbit MAb; CD27 molecule; Anti-S152 Antibody; Anti-Tnfrsf7 Antibody; Anti-Tp55 Antibody; anti-CD27 antibody

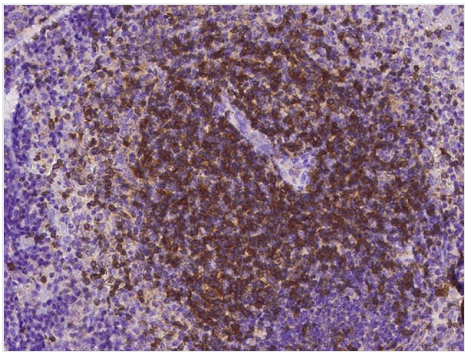
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	618
Specificity	Mouse CD27/TNFRSF7
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD27 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Mouse CD27/TNFRSF7 Protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Mouse CD27/TNFRSF7 (rM CD27/TNFRSF7).
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 mouse CD27 in mouse thymus with rabbit monoclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining of mouse CD27 in mouse spleen with rabbit monoclonal antibody at 1:200 dilution, 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 #	75677534
NCBI GeneID	21940
NCBI Accession #	NP_001028298.1
NCBI GenBank Nucleotide #	NM_001033126.2
UniProt Accession #	P41272
Molecular Weight	28,164 Da
NCBI Official Full Name	CD27 antigen isoform a
NCBI Official Synonym Full Names	CD27 antigen
NCBI Official Symbol	Cd27
NCBI Official Synonym Symbols	S152; Tp55; Tnfrsf7
NCBI Protein Information	CD27 antigen
UniProt Protein Name	CD27 antigen
UniProt Gene Name	Cd27

UniProt Synonym Gene Names	Tnfrsf7
UniProt Entry Name	CD27_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/cd27-antibody-clone-618-immunohistochemistry-elisa/257086>