

Rabbit anti-Human, Rat CD27 Monoclonal Antibody | anti-CD27 antibody

CD27 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312639	Rabbit	Human, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunocytochemistry, Western Blot

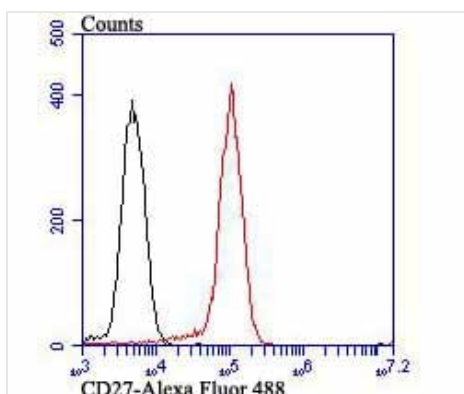
PRODUCT SYNONYMS

CD27; Monoclonal Antibody; CD27 Antibody; CD 27 antibody; CD27 antibody; CD27 antigen antibody; CD27 molecule antibody; CD27_HUMAN antibody; CD27L receptor antibody; LPFS2 antibody; MGC20393 antibody; OTTHUMP00000238557 antibody; S152 antibody; T cell activation antigen CD27 antibody; T cell activation antigen S152 antibody; T-cell activation antigen CD27 antibody; T14 antibody; TNFRSF 7 antibody; TNFRSF7 antibody; TNFSF7 antibody; Tp 55 antibody; Tp55 antibody; Tumor necrosis factor receptor superfamily member 7 antibody; anti-CD27 antibody

PRODUCT SPECIFICATIONS

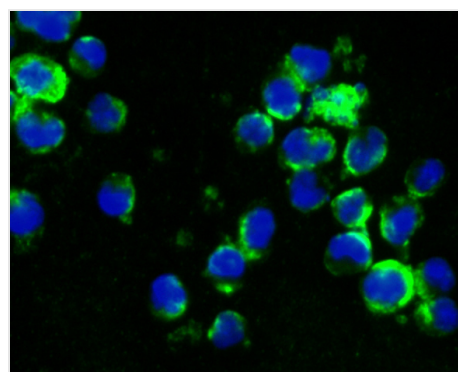
Host	Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Clone Number	JB40-98
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CD27 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Intracellular domain corresponding to Human CD27.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



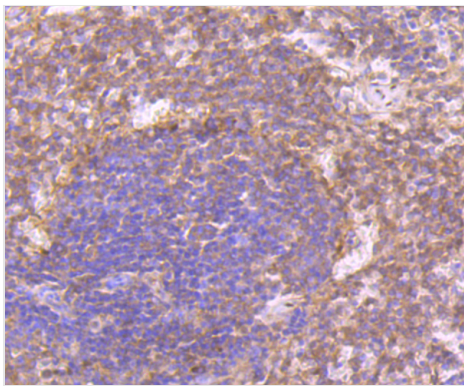
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Daudi cells with CD27 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



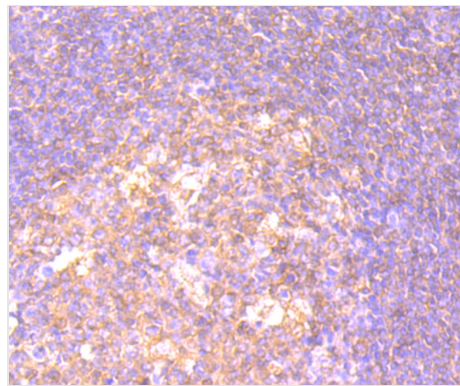
ICC (Immunocytochemistry)

ICC staining CD27 in K562 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



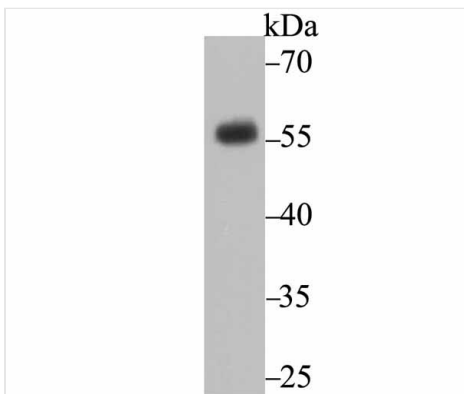
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat spleen tissue using anti-CD27 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD27 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of CD27 on Raji cell using anti-CD27 antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CD27 antibody

The tumor necrosis factor (TNF) receptor family is composed of several type I integral membrane glycoproteins that exhibit homology in their cysteine-rich extracellular domains. Members of this family include FAS, OX40, CD27 and CD30. Ligands for these receptors are often type II transmembrane glycoproteins, as is the case for CD27 and CD30. CD27 is a homodimeric lymphocyte-specific surface antigen present on T and B lymphocytes. Activation of the CD3 complex via the T cell receptor for antigen leads to an increase in CD27 expression. Together, CD27 and its ligand, CD27L, generate co-stimulatory signals required for complete T cell activation. CD30 is a surface marker for neoplastic cells of the Hodgkin's lymphoma and related hematologic malignancies. CD30L has been shown to enhance the proliferation of the Hodgkin's cell line HDLM-2, but exerts antiproliferative effects on large cell anaplastic lymphoma cell lines.

Product Categories/Family for anti-CD27 antibody

[Total protein Ab](#)

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.

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-jb40-98-flow-cytometry-immunohistochemistry-immunocytochemistry-western-blot-elisa/312639>