

Rabbit CD53 Polyclonal Antibody | anti-CD53 antibody

CD53 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327439	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

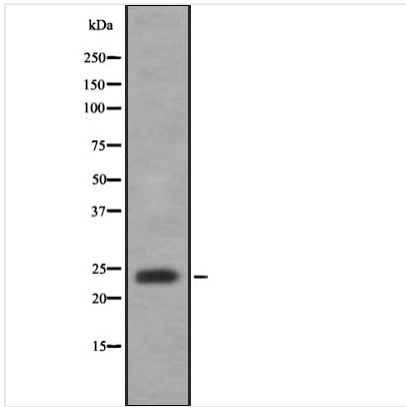
PRODUCT SYNONYMS

CD53; Polyclonal Antibody; CD53 Antibody; AI323659; Antigen MOX44 identified by monoclonal antibody MRC-OX44; CD 53; CD53 antigen; isoform CRA_b; CD53 glycoprotein; Cd53 molecule; CD53 tetraspan antigen; CD53_HUMAN; Cell surface glycoprotein CD53; Leukocyte antigen MRC OX-44; Leukocyte surface antigen CD53; MOX 44; MOX44; OTTHUMP00000059505; Ox-44; OX44; RATOX44; Tetraspanin 25; Tetraspanin-25; Tetraspanin25; Transmembrane glycoprotein; TSPAN 25; Tspan-25; TSPAN25; anti-CD53 antibody

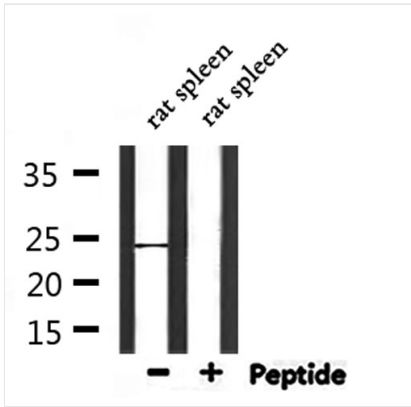
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CD53 antibody detects endogenous levels of total CD53
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	219
Applicable Applications for anti-CD53 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human CD53
Subcellular Location	Membrane.
Tissue Specificity	B-cells, monocytes, macrophages, neutrophils, single (CD4 or CD8) positive thymocytes and peripheral T-cells.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

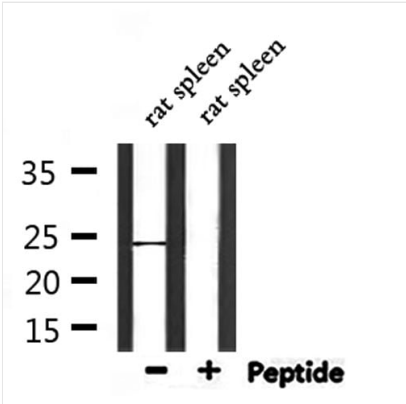
IMAGES



WB (Western Blot)
Western blot analysis of CD53 using COLO205 whole cell lysates



WB (Western Blot)
Western blot analysis of extracts from rat spleen, using CD53 Antibody.



WB (Western Blot)
Western blot analysis of extracts from mouse kidney, using CD53 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD53 antibody	Function: Required for efficient formation of myofibers in regenerating muscle at the level of cell fusion. May be involved in growth regulation in hematopoietic cells (By similarity). Subunit Structure: Interacts with SCIMP. Similarity: Belongs to the tetraspanin (TM4SF) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10834972
NCBI GeneID	963
NCBI Accession #	NP_000551.1
NCBI GenBank Nucleotide #	NM_000560.3
UniProt Accession #	P19397; Q5U0D6; B2R905
Molecular Weight	Observed: 24 kDa Predicted: 25 kDa
NCBI Official Full Name	leukocyte surface antigen CD53 isoform 1
NCBI Official Synonym Full Names	CD53 molecule
NCBI Official Symbol	CD53
NCBI Official Synonym Symbols	MOX44; TSPAN25

NCBI Protein Information	leukocyte surface antigen CD53
UniProt Protein Name	Leukocyte surface antigen CD53
UniProt Gene Name	CD53
UniProt Synonym Gene Names	MOX44; TSPAN25; Tspan-25

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://stage.aaabiotech.com/polyclonal/cd53-antibody-western-blot-elisa/327439>