

Rabbit anti-Human LY75 Polyclonal Antibody | anti-LY75 antibody

LY75 Antibody (Center)

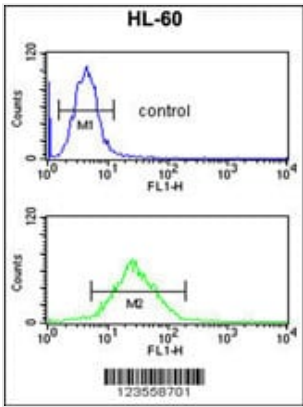
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284510	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

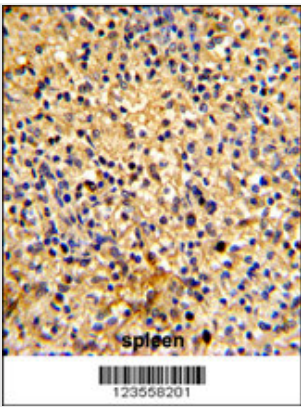
LY75; Polyclonal Antibody; LY75 Antibody (Center); Lymphocyte antigen 75; Ly-75; C-type lectin domain family 13 member B; DEC-205; gp200-MR6; CD205; CLEC13B; anti-LY75 antibody

PRODUCT SPECIFICATIONS

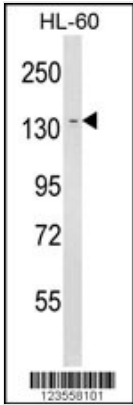
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LY75 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 646-675 amino acids from the Central region of human LY75.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	646-675
Sequence Length	232
Applicable Applications for anti-LY75 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
LY75 Antibody (Center) flow cytometric analysis of HL-60 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human spleen tissue reacted with LY75 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of LY75 Antibody (Center) in HL-60 cell line lysates (35ug/lane). LY75 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-LY75 antibody	LY75 acts as an endocytic receptor to direct captured antigens from the extracellular space to a specialized antigen-processing compartment. It causes reduced proliferation of B-lymphocytes.
Product Categories/Family for anti-LY75 antibody	Immunology
References	Kato,M., et.al., Immunogenetics 47 (6), 442-450 (1998) McKay,P.F., et.al., Eur. J. Immunol. 28 (12), 4071-4083 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	311771583
NCBI GeneID	100526664
NCBI Accession #	NP_001185688.1; NP_001185689.1; NP_002340.2
NCBI GenBank Nucleotide #	NM_001198759.1
UniProt Accession #	O60449; O75913; Q53R46; Q53TF5; Q7Z575; Q7Z577
Molecular Weight	198311

NCBI Official Full Name	LY75-CD302 fusion protein isoform 1
NCBI Official Synonym Full Names	LY75-CD302 readthrough
NCBI Official Symbol	LY75-CD302
NCBI Protein Information	LY75-CD302 fusion protein
UniProt Protein Name	Lymphocyte antigen 75
UniProt Gene Name	LY75
UniProt Synonym Gene Names	CD205; CLEC13B; Ly-75
UniProt Entry Name	LY75_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/ly75-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284510>