

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

LY75 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325430	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

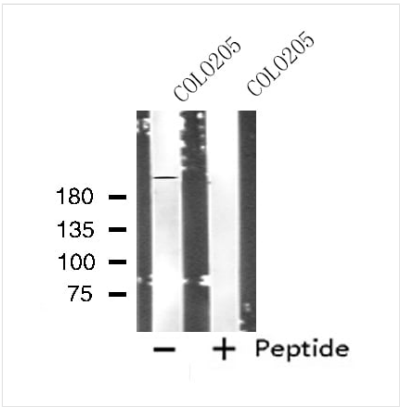
PRODUCT SYNONYMS

LY75; Polyclonal Antibody; LY75 Antibody; C-type lectin domain family 13 member B; CD 205; CD205; CD205 antigen; CLEC 13B; CLEC13B; DEC 205; DEC-205; DEC205; gp200; gp200 MR6; gp200-MR6; LY 75; Ly-75; LY75_HUMAN; Lymphocyte antigen 75; Renal Cell Carcinoma (gp200); anti-LY75 antibody

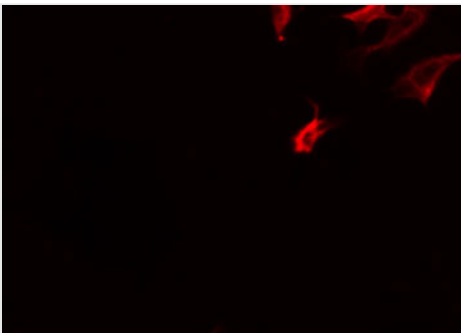
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	LY75 antibody detects endogenous levels of total LY75
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	1873
Applicable Applications for anti-LY75 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Tissue Specificity	Expressed in spleen, thymus, colon and peripheral blood lymphocytes. Detected in myeloid and B-lymphoid cell lines. Isoform 2 and isoform 3 are expressed in malignant Hodgkin lymphoma cells called Hodgkin and Reed-Sternberg (HRS) cells.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

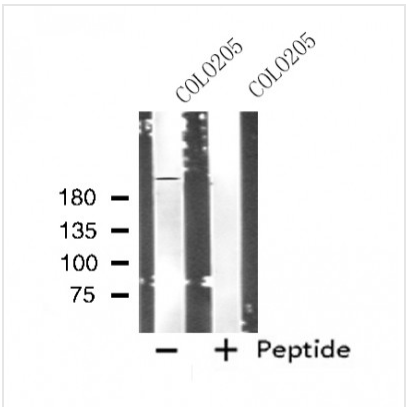
IMAGES



WB (Western Blot)
Western blot analysis of extracts from COLO205 cells, using LY75 antibody.



IF (Immunofluorescence)
AAA325430 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from COLO205 cells, using LY75 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LY75 antibody	Function: Acts as an endocytic receptor to direct captured antigens from the extracellular space to a specialized antigen-processing compartment (By similarity). Causes reduced proliferation of B-lymphocytes. Post-translational Modifications: N-glycosylated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	311771583
NCBI GeneID	100526664
NCBI Accession #	NP_001185688.1
NCBI GenBank Nucleotide #	NM_001198759.1
UniProt Accession #	O60449; O75913; Q53R46; Q53TF5; Q7Z575; Q7Z577
Molecular Weight	Observed: 200 kD Predicted: 199 kDa
NCBI Official Full Name	LY75-CD302 fusion protein isoform 1
NCBI Official Synonym Full Names	LY75-CD302 readthrough
NCBI Official Symbol	LY75-CD302
NCBI Official Synonym Symbols	LY75; CD205; Ly-75; CLEC13B; DEC-205; gp200-MR6

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

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/ly75-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325430>