

Rabbit anti-Mouse CD5 Polyclonal Antibody | anti-Cd5 antibody

Anti-CD5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125401	Rabbit	Mouse	ELISA, Immunohistochemistry, Western Blot

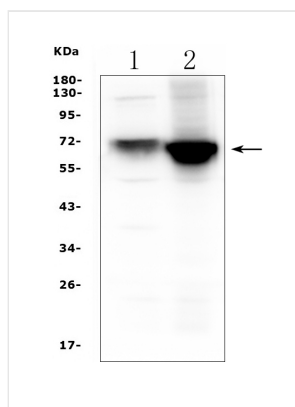
PRODUCT SYNONYMS

CD5; Polyclonal Antibody; Anti-CD5 Antibody; T-cell surface glycoprotein CD5; Lymphocyte antigen 1; Ly-1; Lyt-1; Cd5; anti-Cd5 antibody

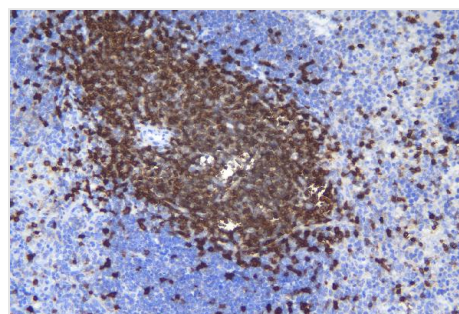
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ .
Sequence Length	494
Applicable Applications for anti-Cd5 antibody	ELISA (Direct ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived mouse CD5 recombinant protein (Position: Q24-L494).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

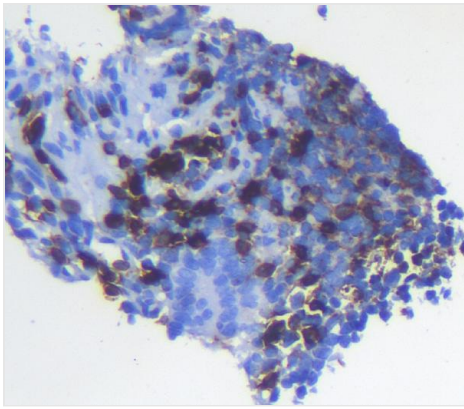
IMAGES



WB (Western Blot)



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-Cd5 antibody	Description: Rabbit IgG polyclonal antibody for CD5 detection. Tested with WB, IHC-P, Direct ELISA in Mouse. Background: CD5 is a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. In humans, the gene is located on the long arm of chromosome 11. This protein is a type-I transmembrane glycoprotein found on the surface of thymocytes, T lymphocytes and a subset of B lymphocytes. The encoded protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms.
References	1. Lundell, A.-C., Johansen, S., Adlerberth, I., Wold, A. E., Hesselmar, B., Rudin, A. High proportion of CD5+ B cells in infants predicts development of allergic disease. J. Immun. 193: 510-518, 2014. 2. Zhang, C., Xin, H., Zhang, W., Yazaki, P. J., Zhang, Z., Le, K., Li, W., Lee, H., Kwak, L., Forman, S., Jove, R., Yu, H. CD5 binds to interleukin-6 and induces a feed-forward loop with the transcription factor STAT3 in B cells to promote cancer. Immunity 44: 913-923, 2016.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126517489
NCBI GeneID	12507
NCBI Accession #	NP_031676.3
NCBI GenBank Nucleotide #	NP_031676.3
UniProt Accession #	P13379
NCBI Official Full Name	T-cell surface glycoprotein CD5
NCBI Official Synonym Full Names	CD5 antigen
NCBI Official Symbol	Cd5
NCBI Official Synonym Symbols	Ly-1; Ly-A; Ly-12; Lyt-1
NCBI Protein Information	T-cell surface glycoprotein CD5
UniProt Protein Name	T-cell surface glycoprotein CD5
UniProt Gene Name	Cd5
UniProt Synonym Gene Names	Ly-1; Ly-1; Lyt-1
UniProt Entry Name	CD5_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.

