

Mouse anti-Human, Pig Cluster Of Differentiation 5 (CD5) Monoclonal Antibody | anti-CD5 antibody

Monoclonal Antibody to Cluster Of Differentiation 5 (CD5)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152834	Mouse	Human, Pig	Immunohistochemistry, Western Blot

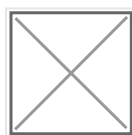
PRODUCT SYNONYMS

Cluster Of Differentiation 5 (CD5); Monoclonal Antibody; Monoclonal Antibody to Cluster Of Differentiation 5 (CD5); Cluster Of Differentiation 5; T1; LEU1; Lymphocyte antigen T1/Leu-1; anti-CD5 antibody

PRODUCT SPECIFICATIONS

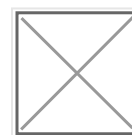
Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	D4
Specificity	The antibody is a mouse monoclonal antibody raised against CD5. It has been selected for its ability to recognize CD5 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Arg25~Pro372
Applicable Applications for anti-CD5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Eukaryotic Cluster Of Differentiation 5 (CD5)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)

Western Blot; Sample: Lane1: Porcine Spleen lysate; Lane2: Porcine Lymph node lysate
Primary Ab: 0.4ug/ml Mouse Anti-human CD5 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: human Lymph node Tissue; Primary Ab: 30ug/ml Mouse Anti-human CD5 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: human Colon Tissue; Primary Ab: 30ug/ml Mouse Anti-human CD5 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD5 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Signal transduction
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	166197668
NCBI GeneID	921
NCBI Accession #	NP_055022.2
NCBI GenBank Nucleotide #	NM_014207.3
UniProt Accession #	P06127; A0N0P4; A8K9I3
Molecular Weight	54,578 Da
NCBI Official Full Name	T-cell surface glycoprotein CD5
NCBI Official Synonym Full Names	CD5 molecule
NCBI Official Symbol	CD5
NCBI Official Synonym Symbols	T1; LEU1
NCBI Protein Information	T-cell surface glycoprotein CD5; CD5 antigen (p56-62); lymphocyte antigen T1/Leu-1
UniProt Protein Name	T-cell surface glycoprotein CD5
UniProt Gene Name	CD5
UniProt Synonym Gene Names	LEU1
UniProt Entry Name	CD5_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://stage.aaabiotech.com/monoclonal/cluster-of-differentiation-5-cd5-antibody-clone-d4-immunohistochemistry-western-blot-elisa/152834>