

Rabbit anti-Human CD7 Polyclonal Antibody | anti-CD7 antibody

Rabbit anti-CD7 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212667	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

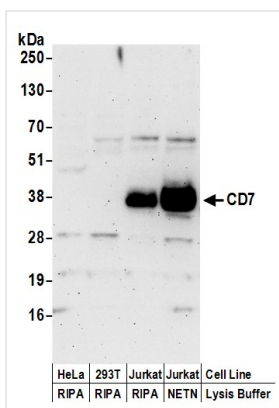
PRODUCT SYNONYMS

CD7; Polyclonal Antibody; Rabbit anti-CD7 Antibody; Affinity Purified; T-cell surface antigen Leu-9; Tp40; T-cell leukemia antigen; T-cell antigen CD7; LEU-9; GP40; CD antigen CD7; CD7 antigen (p41); p41 protein; TP41; CD7 molecule; anti-CD7 antibody

PRODUCT SPECIFICATIONS

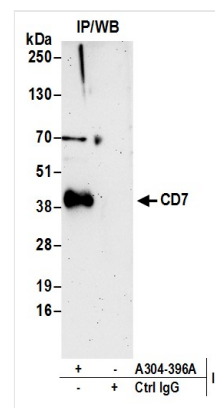
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CD7 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 190 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



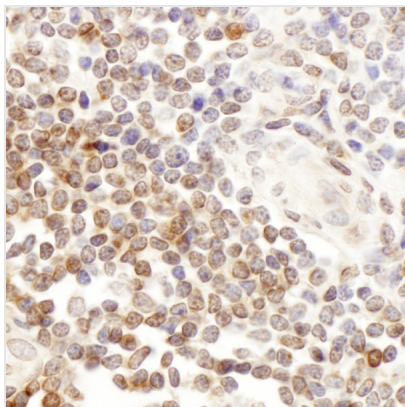
WB (Western Blot)

Detection of human CD7 by western blot. Samples: Whole cell lysate (50 ug) prepared using NETN or RIPA buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-CD7 antibody AAA212667 (lot AAA212667-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human CD7 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) prepared using RIPA buffer from Jurkat cells. Antibodies: Affinity purified rabbit anti-CD7 antibody AAA212667 (lot AAA212667-1) used for IP at 6 ug per reaction. For blotting immunoprecipitated CD7, AAA212667 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of human CD7 by immunohistochemistry. Sample: FFPE section of human stomach cancer infiltrating lymphocytes. Antibody: Affinity purified rabbit anti-CD7 (Cat. No. AAA212667 Lot1) used at a dilution of 1:1,000 (1µg/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CD7 antibody	CD7 is a transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development [taken from NCBI Entrez Gene (Gene ID: 924)].
Product Categories/Family for anti-CD7 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453613
NCBI GeneID	924
NCBI Accession #	NP_006128.1
NCBI GenBank Nucleotide #	NM_006137.6
UniProt Accession #	P09564
Molecular Weight	25,409 Da
NCBI Official Full Name	T-cell antigen CD7
NCBI Official Synonym Full Names	CD7 molecule
NCBI Official Symbol	CD7
NCBI Official Synonym Symbols	GP40; TP41; Tp40; LEU-9
NCBI Protein Information	T-cell antigen CD7; CD7 antigen (p41); T-cell leukemia antigen; T-cell surface antigen Leu-9; p41 protein
UniProt Protein Name	T-cell antigen CD7
UniProt Gene Name	CD7
UniProt Entry Name	CD7_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/cd7-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212667>