

Rabbit anti-Human CD247/CD3Z Polyclonal Antibody | anti-CD247/CD3Z antibody

Rabbit anti-CD247/CD3Z Antibody, Affinity Purified

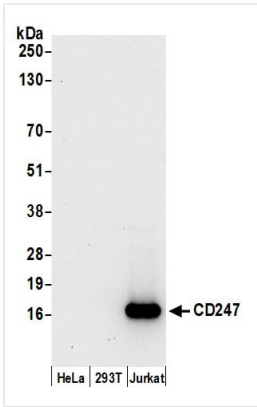
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213152	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CD247/CD3Z; Polyclonal Antibody; Rabbit anti-CD247/CD3Z Antibody; Affinity Purified; CD3Z antigen; zeta polypeptide (TiT3 complex); CD antigen CD247; TCR zeta chain; T-cell surface glycoprotein CD3 zeta chain; T-cell receptor T3 zeta chain; T-cell antigen receptor complex; zeta subunit of CD3; T3Z; IMD25; CD3-ZETA; TCRZ; CD3Z; CD3Q; CD3H; CD247 antigen; zeta subunit; CD3zeta chain; CD247 molecule; anti-CD247/CD3Z antibody

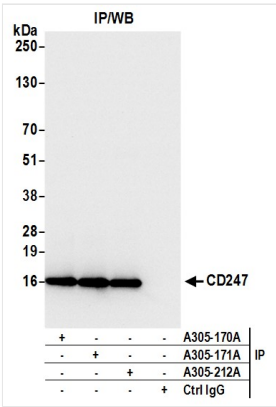
PRODUCT SPECIFICATIONS

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-CD247/CD3Z antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Sheep, Pig
Immunogen	Between 114 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human CD247 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CD247 antibody AAA213152 (lot AAA213152-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human CD247 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CD247 antibody AAA213152 (lot AAA213152-1) used for IP at 6 ug per reaction. CD247 was also immunoprecipitated by rabbit anti-CD247 antibodies and For blotting immunoprecipitated CD247, AAA213152 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CD247/CD3Z antibody	T-cell surface glycoprotein CD3 zeta chain is encoded by the gene CD247, also known as CD3Z or CD3 zeta. CD247/CD3 zeta, together with T-cell receptor alpha/beta and gamma/delta heterodimers, and with CD3-gamma,-delta and-epsilon, forms the T-cell receptor-CD3 complex. The zeta chain plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. Low expression of the antigen results in impaired immune response [taken from NCBI Entrez Gene (Gene ID: 919)].
Product Categories/Family for anti-CD247/CD3Z antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557431
NCBI GeneID	919
NCBI Accession #	NP_000725.1
NCBI GenBank Nucleotide #	NM_000734.3
UniProt Accession #	P20963; Q5VX13; Q8TAX4; B1AK49; A46461
Molecular Weight	18,696 Da
NCBI Official Full Name	T-cell surface glycoprotein CD3 zeta chain isoform 2
NCBI Official Synonym Full Names	CD247 molecule
NCBI Official Symbol	CD247
NCBI Official Synonym Symbols	T3Z; CD3H; CD3Q; CD3Z; TCRZ; CD3-ZETA
NCBI Protein Information	T-cell surface glycoprotein CD3 zeta chain; CD3zeta chain; TCR zeta chain; CD247 antigen, zeta subunit; T-cell receptor T3 zeta chain; CD3Z antigen, zeta polypeptide (TiT3 complex); T-cell antigen receptor complex, zeta subunit of CD3
UniProt Protein Name	T-cell surface glycoprotein CD3 zeta chain
UniProt Gene Name	CD247
UniProt Synonym Gene Names	CD3Z; T3Z; TCRZ

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/cd247-cd3z-antibody-immunoprecipitation-western-blot-elisa/213152>