

Rabbit CD247 Polyclonal Antibody | anti-CD247 antibody

CD247 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167506	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

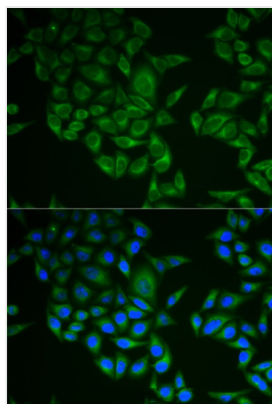
PRODUCT SYNONYMS

CD247; Polyclonal Antibody; CD247 Antibody; T3Z; CD3H; CD3Q; CD3Z; TCRZ; CD3-ZETA; anti-CD247 antibody

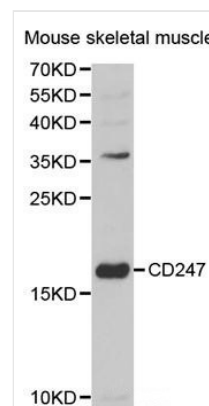
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	63
Applicable Applications for anti-CD247 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human CD247
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1124 / sc-20919
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cell using CD247 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of Jurkat cell lines, using CD247 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD247 antibody	The protein encoded by this gene is T-cell receptor zeta, which 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. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157956447
NCBI GeneID	919
Molecular Weight	– Da
NCBI Official Full Name	CD247, partial
NCBI Official Synonym Full Names	CD247 molecule
NCBI Official Symbol	CD247
NCBI Official Synonym Symbols	T3Z; CD3H; CD3Q; CD3Z; TCRZ; IMD25; CD3-ZETA
NCBI Protein Information	T-cell surface glycoprotein CD3 zeta chain; CD247 antigen, zeta subunit; CD3Z antigen, zeta polypeptide (TiT3 complex); CD3zeta chain; T-cell antigen receptor complex, zeta subunit of CD3; T-cell receptor T3 zeta chain; TCR zeta chain
UniProt Protein Name	T-cell surface glycoprotein CD3 zeta chain
UniProt Gene Name	CD247
UniProt Synonym Gene Names	CD3Z; T3Z; TCRZ
UniProt Entry Name	CD3Z_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.