

Rabbit anti-Human, Mouse CD247 Polyclonal Antibody | anti-CD247 antibody

CD247 Polyclonal Antibody

CATALOG # AAA36818	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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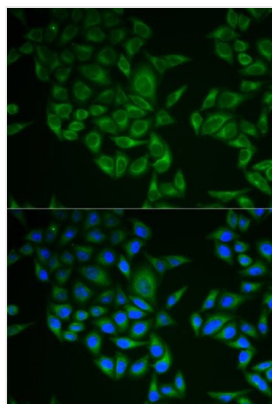
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

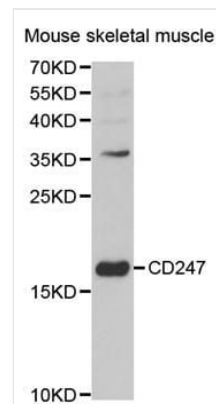
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	164
Applicable Applications for anti-CD247 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human CD247
Calculated Molecular Weight	16kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

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



WB (Western Blot)

Western blot analysis of extracts of mouse skeletal muscle, using CD247 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

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]
Product Categories/Family for anti-CD247 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	23830999
NCBI GeneID	919
UniProt Accession #	P20963; Q5VX13; Q8TAX4; B1AK49; A46461
Molecular Weight	164
NCBI Official Full Name	T-cell surface glycoprotein CD3 zeta chain
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; 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
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.