

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

CD247 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232758	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

CD247; Polyclonal Antibody; CD247 Antibody; T-cell surface glycoprotein CD3 zeta chain (T-cell receptor T3 zeta chain) (CD antigen CD247); CD3Z T3Z TCRZ; anti-CD247 antibody

PRODUCT SPECIFICATIONS

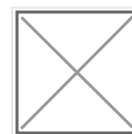
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-CD247 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human T-cell surface glycoprotein CD3 zeta chain protein (88-153AA)
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Species	Human
Research Area	Immunology
Target Names	CD247
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1124 / sc-20919
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



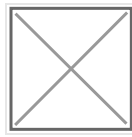
IP (Immunoprecipitation)

Immunoprecipitating CD247 in jurkat whole cell lysate Lane 1: Rabbit control IgG instead of AAA232758 in jurkat whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: AAA232758 (8ug) + jurkat whole cell lysate (500ug) Lane 3: Jurkat whole cell lysate (10ug)

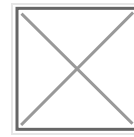


IF (Immunofluorescence)

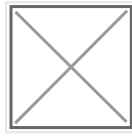
Immunofluorescent analysis of HepG2 cells using AAA232758 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA232758 at dilution of 1:100

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human lymph node tissue using AAA232758 at dilution of 1:100

**WB (Western Blot)**

Western BlotPositive WB detected in: Jurkat whole cell lysateAll lanes: CD247 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 19 KDaObserved band size: 19 KDa

ADDITIONAL INFORMATION**Related Product Information for anti-CD247 antibody**

Probable role in assembly and expression of the TCR complex as well as signal transduction upon antigen triggering.

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
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; IMD25; CD3-ZETA
NCBI Protein Information	T-cell surface glycoprotein CD3 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd247-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/232758>