

Anti-CD3 zeta antibody



Description Rabbit polyclonal to CD3 zeta.

Model STJ92112

Host Rabbit

Reactivity Human, Mouse, Rat, Simian

Applications ELISA, IHC, WB

Immunogen Synthesized peptide derived from human CD3 zeta around the non-

phosphorylation site of Y142.

Immunogen Region 80-160 aa

Gene ID <u>919</u>

Gene Symbol CD247

Dilution range WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000

Specificity CD3 zeta Polyclonal Antibody detects endogenous levels of CD3 zeta protein.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name T-cell surface glycoprotein CD3 zeta chain T-cell receptor T3 zeta chain CD

antigen CD247

Molecular Weight 20 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:1677OMIM:186780</u>

Alternative Names T-cell surface glycoprotein CD3 zeta chain T-cell receptor T3 zeta chain CD

antigen CD247

Function Probable role in assembly and expression of the TCR complex as well as

signal transduction upon antigen triggering.

Sequence and Domain Family The ITAM domains mediate interaction with SHB.

Cellular Localization Membrane. Single-pass type I membrane protein.

Post-translational Phosphorylated on Tyr residues after T-cell receptor triggering.

Modifications

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