

Product Name: Phospho-CD3 zeta (Tyr142) Rabbit Monoclonal Antibody**Catalog #: AMRe84857**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IP 1:10-1:20
Molecular Weight	Calculated MW: 19 kDa; Observed MW: 19 kDa

Antigen Information

Gene Name	Phospho-CD3 zeta (Tyr142)
Alternative Names	CD247; CD3Z; T3Z; TCRZ; T-cell surface glycoprotein CD3 zeta chain; T-cell receptor T3 zeta chain; CD antigen CD247
Gene ID	919.0
SwissProt ID	P20963
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Tyr142 of human CD3 zeta

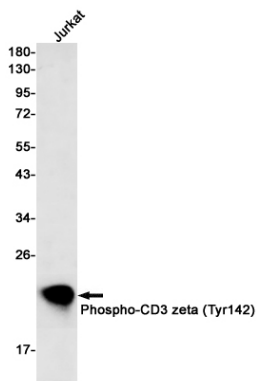
Background

Defects in CD3D are a cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-

cell-positive (T(-)/B(+)/NK(+)) SCID [MIM:608971]. A form of severe combined immunodeficiency (SCID), a genetically and clinically heterogeneous group of rare congenital disorders characterized by impairment of both humoral and cell-mediated immunity, leukopenia, and low or absent antibody levels.

Research Area

Image Data



Western blot analysis of Phospho-CD3 zeta (Tyr142) in Jurkat lysates using Phospho-CD3 zeta (Tyr142) antibody.