

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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EB12595 - Goat Anti-CD3-ZETA / CD247 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CD247, CD247 molecule, CD3-ZETA, CD3H, CD3Q, CD3Z, T3Z, TCRZ, 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, T-cell surface glycoprotein CD3 zeta chain

Official Symbol: CD247

Accession Number(s): NP_932170.1; NP_000725.1

Human GeneID(s): 919

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_932170.1; NP_000725.1).

Immunogen

Peptide with sequence C-KNPQEGLYNELQKD, from the internal region of the protein sequence according to NP_932170.1; NP_000725.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

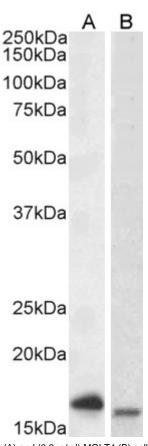
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 16-17kDa band observed in lysates of cell lines Jurkat and MOLT4 (calculated MW of 18.6kDa according to NP_000725.1). Recommended concentration: 0.1-1μg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12595 (0.1 μ g/ml) staining of Jurkat (A) and (0.3 μ g/ml) MOLT4 (B) cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.