



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

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11161 - Goat Anti-CD7 (aa132-146) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CD7 antigen (p41), CD7 molecule, GP40, LEU-9, p41 protein, T-cell antigen CD7, T-cell leukemia antigen, T-cell surface antigen Leu-9, Tp40, TP41, CD7

Official Symbol: CD7

Accession Number(s): NP_006128.1

Human GeneID(s): [924](#)

Important Comments: The immunizing peptide corresponds to a part of the extracellular domain.

Immunogen

Peptide with sequence TEEQSQGWHRCSAP, from the internal region of the protein sequence according to NP_006128.1.

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

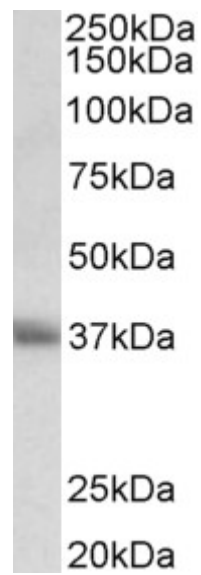
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 37kDa band observed in Human Thymus lysates (calculated MW of 25.4kDa according to NP_006128.1). We do note that CD7 is a glycoprotein which makes a higher size band to be expected. This molecular weight is routinely observed by other sources. Recommended concentration: 0.5-2µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB11161 (0.5µg/ml) staining of Human Thymus lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.