

International Office

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

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB12091 - Goat Anti-CD19 (aa422-433) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CD19, CD19 molecule, B4, CVID3, B-lymphocyte antigen CD19, B-lymphocyte surface antigen B4, T-cell surface antigen Leu-12, differentiation antigen CD19

Official Symbol: CD19 Accession Number(s): NP_001171569.1; NP_001761.3 Human GeneID(s): <u>930</u> Important Comments: This antibody is expected to recognize both reported isoforms (NP_001171569.1; NP_001761.3).

Immunogen

Peptide with sequence C-ENDSNLGQDQLS, from the internal region of the protein sequence according to NP_001171569.1; NP_001761.3.

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.

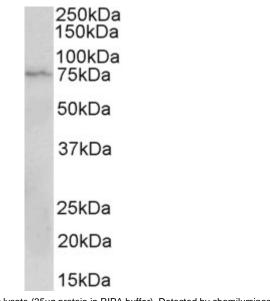
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 75kDa band observed in lysates of cell lines Jurkat and MOLT4 (calculated MW of 61.1kDa according to NP_001761.3). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Cow



EB12091 (2µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.