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**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): [930](#)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_001171569.1; NP_001761.3).

Immunogen

Peptide with sequence C-ENDSNLGGDQLS, 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.