



## International Office

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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-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 (2 $\mu$ g/ml) staining of Jurkat lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.