

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://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):** [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.