



Everest Biotech Ltd  
Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD, United Kingdom

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

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

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

Tel +44 1869 238326

Fax +44 1869 238327

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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06448 - Goat Anti-Survivin / BIRC5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** survivin variant 3 alpha, baculoviral IAP repeat-containing protein 5, baculoviral IAP repeat-containing 5, apoptosis inhibitor 4, baculoviral IAP repeat-containing 5 (survivin), EPR-1, API4, survivin, BIRC5

**Official Symbol:** BIRC5

**Accession Number(s):** NP\_001159.2; NP\_001012271.1

**Human GeneID(s):** [332](#)

**Important Comments:** This antibody is expected to recognize the reported isoforms 1 (NP\_001159.2) and isoform 3 (NP\_001012271.1).

### Immunogen

Peptide with sequence CVRRAIEQLAAMD, from the C Terminus of the protein sequence according to NP\_001159.2; NP\_001012271.1.

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 1:16000.

**Western blot:** Approx 18kDa band observed in Human T cell line MOLT4 lysates (calculated MW of 16.4kDa according to NP\_001159.2 and 18.6kDa according to NP\_001012271.1). Recommended concentration: 0.01-0.5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Cat, Dog, Pig, Cow



EB06448 (0.01 $\mu$ g/ml) staining of Molt-4 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.