International Office

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

Customer Service:
customerservice@vectorlabs.com
Technical Service:
technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB06448 - Goat Anti-Survivin / BIRC5 Antibody
Size: 100µg specific antibody in 200µl

Target Protein
Principal Names: BIRC5, survivin, API4, EPR-1, baculoviral IAP repeat-containing 5 (survivin), apoptosis inhibitor 4, baculoviral IAP repeat-containing 5, baculoviral IAP repeat-containing protein 5, survivin variant 3 alpha
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.
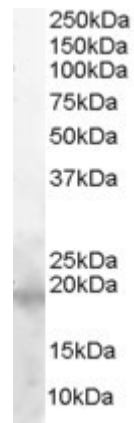
Applications Tested
Peptide ELISA: antibody detection limit dilution 1:16000.
Western blot: Approx 18kDa band observed in Human T cell line MOLT4 lysates (calculated MW of 16.4kDa according to NP_001159.2 and 18.6kDa according to NP_001012271.1). Recommended concentration: 0.01-0.5µg/ml.

Species Reactivity
Tested: Human
Expected from sequence similarity: Human, Cat, Dog, Pig, Cow

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa

25kDa
20kDa

15kDa

10kDa

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