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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 and 3 (NP_001159.2 and NP_001012271.1 resp.)

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

Background Reference

Li F, Ambrosini G, Chu EY, Plescia J, Tognin S, Marchisio PC, Altieri DC.

Control of apoptosis and mitotic spindle checkpoint by survivin.

Nature. 1998 Dec 10;396(6711):580-4.

PMID: 9859993



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