

## Goat anti-Survivin / BIRC5 Antibody

<b>Item Number</b>	dAP-0581
<b>Target Molecule</b>	Principle Name: Survivin / BIRC5; Official Symbol: BIRC5; All Names and Symbols: 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; Accession Number (s): NP_001159.2; NP_001012271.1; Human Gene ID(s): 332; Non-Human GeneID(s):
<b>Immunogen</b>	CVRRRAIEQLAAMD, is from C Terminus This antibody is expected to recognize the reported isoforms 1 (NP_001159.2) and isoform 3 (NP_001012271.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	Reference(s): 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 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**