

Basic Information

Product Name	Anti-Survivin/BIRC5 Antibody (Clone#DGD-2)		
Gene Name	BIRC5		
Source	Rabbit		
Clonality	Monoclonal		
Isotype	IgG		
Species Reactivity	mouse, rat		
Tested Application	WB, IHC, IP		
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.		
Immunogen	A synthesized peptide derived from human Survivin		
Concentration	500 ug/ml		
Purification	Affinity-chromatography		
Observed MW	16 kDa		
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC):1:50-200 ImmunoPrecipitation (IP): 1:30		

Storage

12 months from date of receipt, -20°C as supplied.

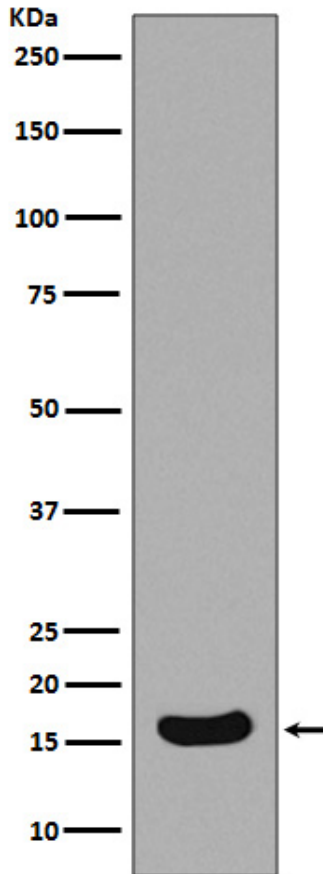
Background Information

Survivin, also called baculoviral inhibitor of apoptosis repeat-containing 5 or BIRC5, is a protein that, in humans, is encoded by the BIRC5 gene. Survivin is a member of the inhibitor of apoptosis(IAP) family. The survivin gene contains 4 exons. The survivin gene is mapped to chromosome 17q25 by pulsed field gel electrophoresis and single- and 2-color FISH. The survivin protein functions to inhibit caspase activation, thereby leading to negative regulation of apoptosis or programmed cell death. The survivin protein is expressed highly in most human tumours and fetal tissue, but is completely absent in terminally differentiated cells.

Reference

Anti-Survivin/BIRC5 Antibody (Clone#DGD-2)被引用在3文献中。

Selected Validation Data



Western blot analysis of Survivin expression in Neuro-2a cell lysate.