

Nur für Forschungszwecke

SURVIVIN Monoklonaler Antikörper



Katalog-Nr.:66495-1-Ig

Vorgestelltes Produkt

5 Publikationen

Allgemeine Informationen

Katalog-Nr.: 66495-1-Ig	GenBank-Zugangsnummer: BC008718	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1572 µg/ml von332 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: baculoviral IAP repeat-containing 5	CloneNo.: 3B9H7
Wirt: Maus	Berechnete Masse: 16 kDa	Empfohlene Verdünnungen: WB 1:1000-1:6000
Isotyp: IgG1	Beobachtete Masse: 18 kDa	
Immunogen Katalognummer: AG20958		

Anwendungen

Geprüfte Anwendungen: FC, WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, A431-Zellen, HeLa-Zellen, Jurkat-Zellen, K-562-Zellen, Raji-Zellen, U-937-Zellen
In Publikationen genannte Anwendungen: IF, WB	
Getestete Reaktivität: Human	
Zitierte Arten: Human, Maus	

Hintergrundinformationen

Survivin, also called BIRC5, is a unique member of the inhibitor of apoptosis (IAP) protein family. Survivin is a 16 kDa anti-apoptotic protein highly expressed during fetal development and cancer cell malignancy, but is completely absent in terminally differentiated cells. The differential expression of survivin in cancer versus normal tissues makes it a useful tool in cancer diagnosis and a promising therapeutic target. Survivin expression is also highly regulated by the cell cycle and is only expressed in the G2-M phase. It is known that survivin localizes to the mitotic spindle by interaction with tubulin during mitosis and may play a contributing role in regulating mitosis. Disruption of survivin-microtubule interactions results in loss of survivin's anti-apoptosis function and increased caspase-3 activity, a mechanism involved in cell death, during mitosis. It also is a direct target gene of the Wnt pathway and is upregulated by beta-catenin.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jiashu Yang	34737423	Exp Mol Med	WB
Fabiao Hu	35600646	Bioeng Transl Med	WB
Junquan Gu	30566604	Acta Biochim Biophys Sin (Shanghai)	WB,IF

Lagerung

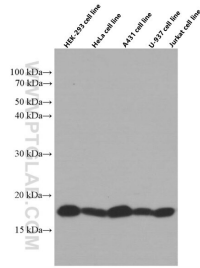
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

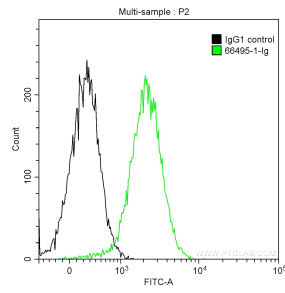
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 66495-1-Ig (SURVIVIN antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



1×10^6 Jurkat cells were intracellularly stained with 0.5 μ g Anti-Human SURVIVIN (66495-1-Ig, Clone:3B9H7) and CoraLite[®]488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.5 μ g Control Antibody. Cells were fixed with 90% MeOH.