

Nur für Forschungszwecke

SURVIVIN Polyklonaler Antikörper

Katalog-Nr.:10508-1-AP

Vorgestelltes Produkt

111 Publikationen



Allgemeine Informationen

Katalog-Nr.:
10508-1-AP

Größe:
150ul, Konzentration: 800 µg/ml von
Nanodrop und 400 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG0788

GenBank-Zugangsnummer:
BC008718

GeneID (NCBI):

Vollständiger Name:
baculoviral IAP repeat-containing 5

Berechnete Masse:
16 kDa

Beobachtete Masse:
16-18 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000
IP 0.5-4.0 µg für IP und 1:500-1:2000
für WB
IHC 1:200-1:800
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hamster, Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: HeLa-Zellen, A431-Zellen, A549-Zellen, Jurkat-Zellen, MCF-7-Zellen, NIH/3T3-Zellen, PC-3-Zellen, Ramos-Zellen

IP: U2OS-Zellen, Jurkat-Zellen

IHC: humanes Kolonkarzinomgewebe, humanes Magenkrebsgewebe, humanes Mammakarzinomgewebe

IF: MCF-7-Zellen,

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
Lei Liu	30273566	Chem Biol Interact	WB
Xiao-Qin Zhu	33456987	J Gastrointest Oncol	IHC
Qian Cheng	28945941	Clin Exp Pharmacol Physiol	WB

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.

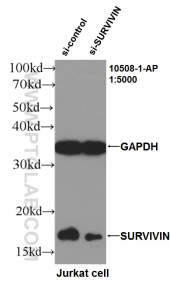
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

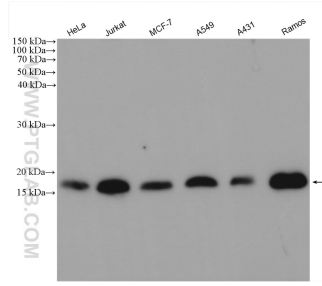
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

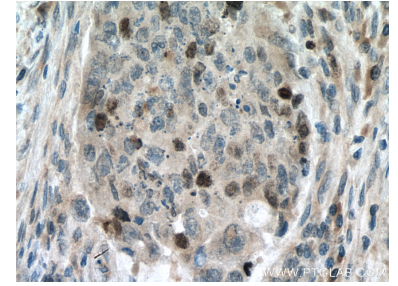
Ausgewählte Validierungsdaten



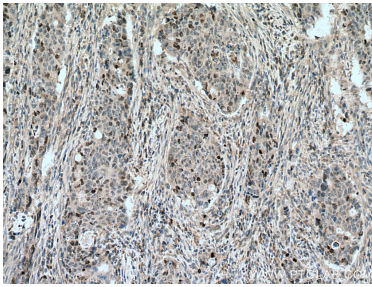
WB result of Survivin antibody (10508-1-AP, 1:5000) with si-control and si-Survivin transfected Jurkat cells..



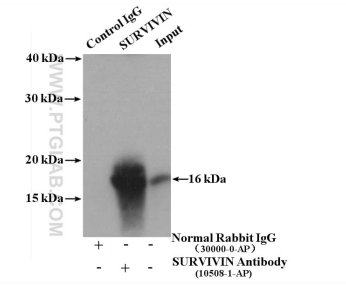
Various lysates were subjected to SDS PAGE followed by western blot with 10508-1-AP (SURVIVIN antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



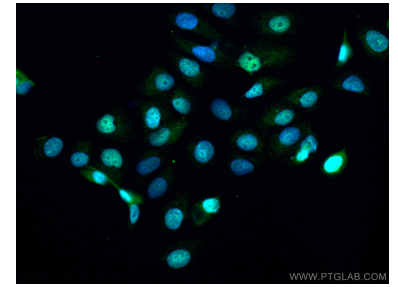
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10508-1-AP (SURVIVIN antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



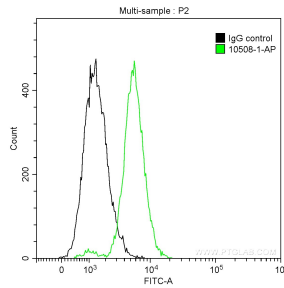
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10508-1-AP (SURVIVIN antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-SURVIVIN (IP:10508-1-AP, 4ug; Detection:10508-1-AP 1:1000) with U2OS cells lysate 1000ug.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using SURVIVIN antibody (10508-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ Jurkat cells were intracellularly stained with 0.2 ug Anti-Human SURVIVIN (10508-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.