

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SURVIVIN



Numéro de catalogue: 10508-1-AP

Phare

119 Publications

Informations de base

Numéro de catalogue:

10508-1-AP

Taille:

150ul, Concentration: 800 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0788

Numéro d'acquisition GenBank:

BC008718

Identification du gène (NCBI):

332

Nom complet:

baculoviral IAP repeat-containing 5

MW calculé

16 kDa

MW observés:

16-18 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IHC 1:200-1:800

IF 1:50-1:500

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

canin, Humain, rat, souris, Hamster

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

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

IP : cellules U2OS, cellules Jurkat

IHC : tissu de cancer du côlon humain, tissu de cancer de l'estomac humain, tissu de cancer du sein humain

IF : cellules MCF-7,

Informations générales

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.

Publications notables

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

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

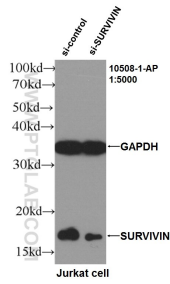
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

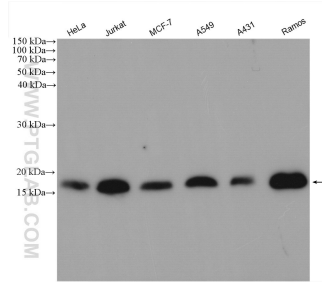
E: proteintech@ptglab.com
W: ptglab.com

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

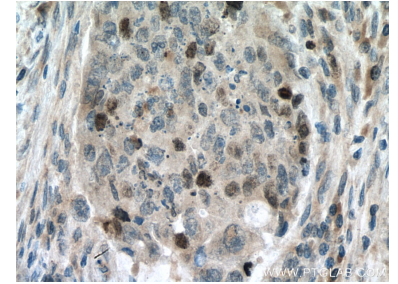
Données de validation sélectionnées



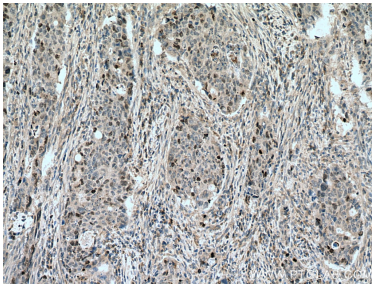
WB result of Survivin antibody (10508-1-AP, 1:5000) with si-control and si-Survivin transfected Jurkat cells..



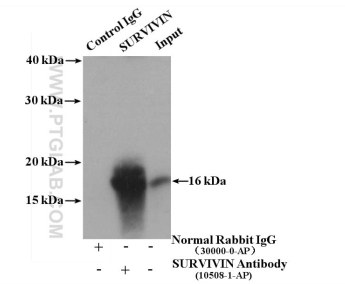
Various lysates were subjected to SDS PAGE followed by western blot with 10508-1-AP (SURVIVIN antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



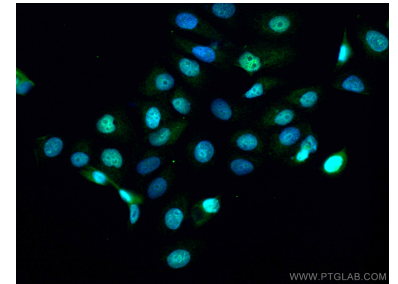
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10508-1-AP (SURVIVIN antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



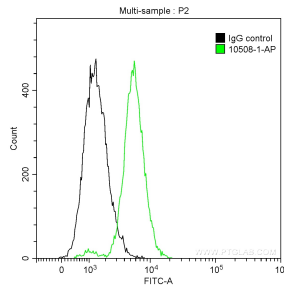
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10508-1-AP (SURVIVIN antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.