

À des fins de recherche uniquement

# Anticorps Monoclonal anti-SURVIVIN



Numéro de catalogue: 66495-1-Ig

Phare

5 Publications

## Informations de base

Numéro de catalogue: 66495-1-Ig	Numéro d'acquisition GenBank: BC008718	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1572 µg/ml by 332 Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 332	CloneNo.: 3B9H7
Hôte: Mouse	Nom complet: baculoviral IAP repeat-containing 5	Dilutions recommandées: WB 1:1000-1:6000
Isotype: IgG1	MW calculé: 16 kDa	
Immunogen Catalog Number: AG20958	MW observés: 18 kDa	

## Applications

### Applications testées:

FC, WB, ELISA

### Demandes citées:

IF, WB

### Spécificité de l'espèce:

Humain

### Espèces citées:

Humain, souris

### Contrôles positifs:

WB : cellules HEK-293, cellules A431, cellules HeLa, cellules Jurkat, cellules K-562, cellules Raji, cellules U-937

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

## 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.

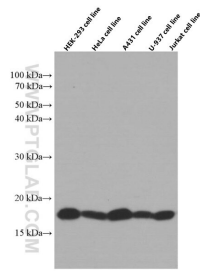
For technical support and original validation data for this product please contact:

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

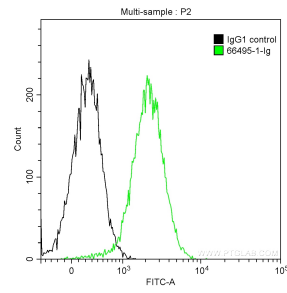
E: proteintech@ptglab.com  
W: ptglab.com

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

## Données de validation sélectionnées



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.



$1 \times 10^6$  Jurkat cells were intracellularly stained with 0.5 ug 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 ug Control Antibody. Cells were fixed with 90% MeOH.