

À des fins de recherche uniquement

Anticorps Monoclonal anti-Caspase 8/p43/p18



Numéro de catalogue: 66093-1-Ig

Phare

60 Publications

Informations de base

Numéro de catalogue: 66093-1-Ig	Numéro d'acquisition GenBank: BC028223	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 841	CloneNo.: 2B9H8
Hôte: Mouse	Nom complet: caspase 8, apoptosis-related cysteine peptidase	Dilutions recommandées: WB 1:2000-1:10000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Isotype: IgG2b	MW calculé: 538 aa, 62 kDa	IHC 1:100-1:400 IF 1:50-1:500
Immunogen Catalog Number: AG20524	MW observés: 53-57 kDa, 32-45 kDa, 18 kDa	

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

ELISA, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, porc, poulet, rat, singe, souris

Contrôles positifs:

WB : cellules Jurkat, cellules HEK-293, cellules HeLa, cellules HepG2

IP : cellules HepG2,

IHC : tissu de cancer du foie humain, tissu hépatique humain

IF : cellules HeLa,

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

Informations générales

Caspase 8, also named as MCH5, MACH, FLICE, and CAP4, belongs to the peptidase C14A family. It may participate in the GZMB apoptotic pathways and functions as an upstream regulator in a-bisabolol-induced apoptosis. Caspase 8 catalyzes an essential intermediate step in the ubiquitination and proteasome-mediated degradation of IRF3 (PMID:21816816). It may control diabetic embryopathy-associated apoptosis via regulation of the Bid-stimulated mitochondrion/caspase-9 pathway (PMID:19194987). Caspase 8 is expressed as nine isoforms by alternative splicing with the molecular mass from 26 kDa to 62 kDa. This antibody can recognize pro- and cleaved-caspase 8.

Publications notables

Autrice	Pubmed ID	Journal	Application
Guiying He	36129672	Hum Cell	IHC
Ni Zeng	31520740	Toxicol In Vitro	
Huan Liu	34491469	Med Oncol	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.

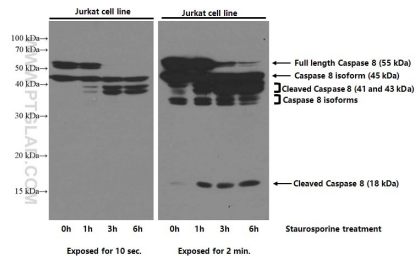
For technical support and original validation data for this product please contact:

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

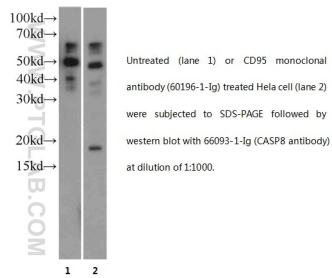
E: proteintech@ptglab.com
W: ptglab.com

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

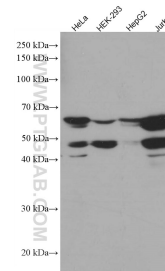
Données de validation sélectionnées



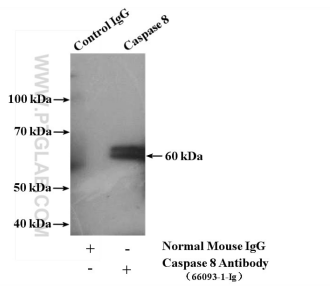
Untreated and Staurosporine treated Jurkat cells were subjected to SDS PAGE followed by western blot with 66093-1-Ig (Caspase 8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



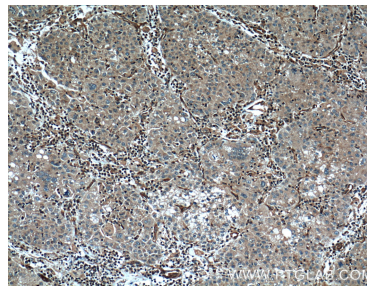
WB result of CASP8 with normal and apoptosis HeLa cell. P18 can be get in the apoptosis cell. 60kd,50kd and 45kd bands are some isoforms of precursor CASP8.



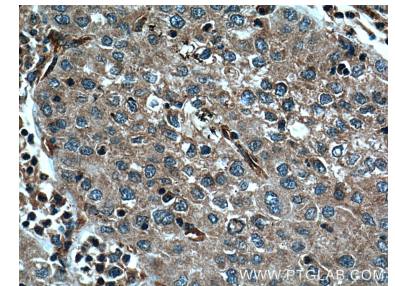
Various lysates were subjected to SDS PAGE followed by western blot with 66093-1-Ig (Caspase 8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



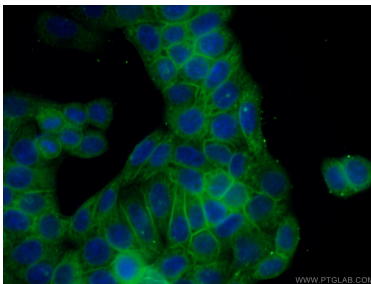
IP Result of anti-Caspase 8 (IP:66093-1-Ig, 5ug; Detection:66093-1-Ig 1:500) with HepG2 cells lysate 2400ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66093-1-Ig (Caspase 8 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66093-1-Ig (Caspase 8 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 66093-1-Ig(Caspase 8 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).