

À des fins de recherche uniquement

# Anticorps Monoclonal anti-Caspase 9/p35/p10



Numéro de catalogue: 66169-1-Ig **88 Publications**

## Informations de base

Numéro de catalogue: 66169-1-Ig	Numéro d'acquisition GenBank: BC002452	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2100 µg/ml by Nanodrop and 1500 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 842	CloneNo.: 1B7G2
Hôte: Mouse	Nom complet: caspase 9, apoptosis-related cysteine peptidase	Dilutions recommandées: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Isotype: IgG2b	MW calculé: 46 kDa	IHC 1:100-1:400 IF 1:50-1:500
Immunogen Catalog Number: AG20813	MW observés: 46 kDa, 35 kDa	

## Applications

### Applications testées:

IF, IHC, IP, WB, ELISA

### Demandes citées:

ELISA, IF, IHC, WB

### Spécificité de l'espèce:

Humain, souris

### Espèces citées:

Humain, porc, rat, souris

**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 Jurkat

IP : cellules HeLa,

IHC : tissu de lymphome humain, tissu pancréatique humain

IF : cellules HeLa,

## Informations générales

Caspase 9, apoptosis-related cysteine protease (CASP9, synonyms: MCH6, APAF3, APAF-3, ICE-LAP6, CASPASE-9c) is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce 2 subunits, large and small, that dimerize to form the active enzyme. Caspase 9 is processed by caspase APAF1; this step is thought to be one of the earliest in the caspase activation cascade. In recent years, the localization of caspase9 was a focus of interest. Beside its cytoplasmic distribution, a very extensive localization study was done on rat brain tissue, where caspase9 was found located predominantly in the nucleus and to a lesser extent in the cytoplasm [PMID: 15541731].

## Publications notables

Autrice	Pubmed ID	Journal	Application
Dan Mo	31568784	Eur J Pharmacol	WB
Na Jiang	32975326	Cell Prolif	WB
Xinbo Wu	32914567	J Cell Mol Med	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.**

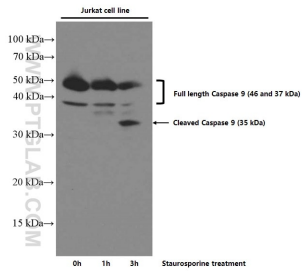
For technical support and original validation data for this product please contact:

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

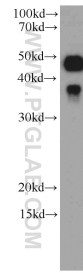
E: proteintech@ptglab.com  
W: ptglab.com

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

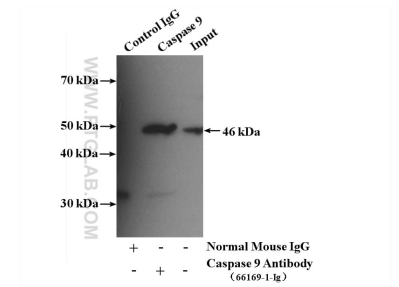
## Données de validation sélectionnées



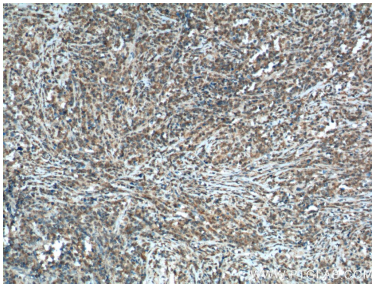
Untreated and Staurosporine treated Jurkat cells were subjected to SDS PAGE followed by western blot with 66169-1-Ig (Caspase 9/p35/p10 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



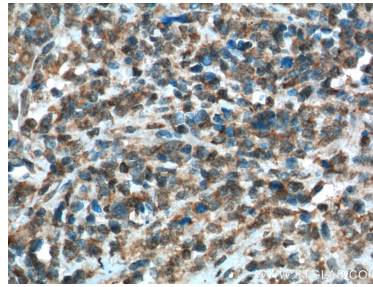
HeLa cells were subjected to SDS PAGE followed by western blot with 66169-1-Ig (Caspase 9/p35/p10 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



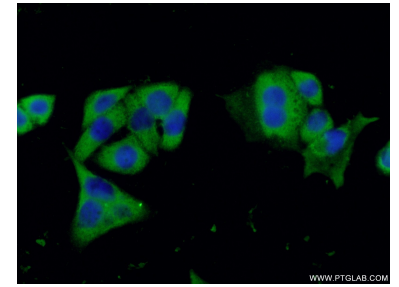
IP Result of anti-Caspase 9/p35/p10 (IP:66169-1-Ig, 5ug; Detection:66169-1-Ig 1:500) with HeLa cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66169-1-Ig (Caspase 9/p35/p10 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 lymphoma tissue slide using 66169-1-Ig (Caspase 9/p35/p10 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 66169-1-Ig(Caspase 9/p35/p10 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).