

À des fins de recherche uniquement

Anticorps Monoclonal anti-PSMD9

Numéro de catalogue: 67338-1-Ig **Phare**



Informations de base

Numéro de catalogue: 67338-1-Ig	Numéro d'acquisition GenBank: BC004213	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1600 µg/ml by Nanodrop and 940 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5715	CloneNo.: 1H2G1
Hôte: Mouse	Nom complet: proteasome (prosome, macropain) 26S subunit, non-ATPase, 9	Dilutions recommandées: WB 1:2000-1:10000 IHC 1:400-1:1600 IF 1:200-1:800
Isotype: IgG1	MW calculé: 27 kDa	
Immunogen Catalog Number: AG25654	MW observés: 30 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Spécificité de l'espèce:

Humain, rat, souris

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.

Contrôles positifs:

WB: cellules A549, cellules 4T1, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules LNCaP, cellules NIH/3T3

IHC: tissu de cancer du col de l'utérus humain,

IF: cellules U2OS, cellules HeLa

Informations générales

PSMD9 is a ubiquitous protein of eukaryotic cells and is a chaperon of the 26S proteasome complex, which degrades ubiquitinated proteins in eukaryotic cells and contributes to the degradation of intracellular proteins into antigenic peptides for antigen presentation by MHC class I cells. The 26S mammalian base sub-complex involves three distinct modules which have ATPase subunits distinctly associated to three chaperones, one of which is PSMD9 regulating the modules assembly. The PSMD9 ubiquitous regulatory role within the proteasome implies its potential pleiotropic effects within different physio-pathological systems. PSMD9 is known to form a stable subcomplex with PSMC3 and PSMC6, two of the AAA-ATPases, assisting in the assembly of the 20S and 19S particles to form the holo complex.

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.

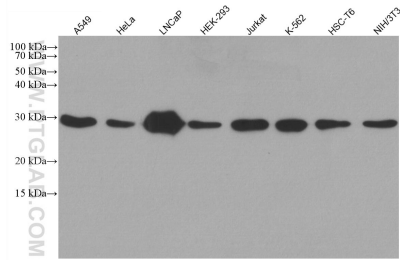
For technical support and original validation data for this product please contact:

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

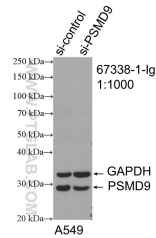
E: proteintech@ptglab.com
W: ptglab.com

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

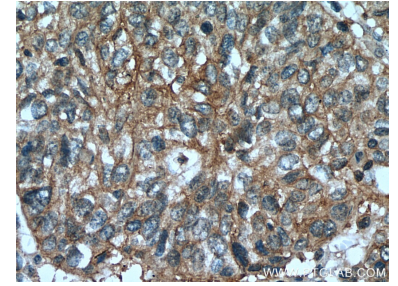
Données de validation sélectionnées



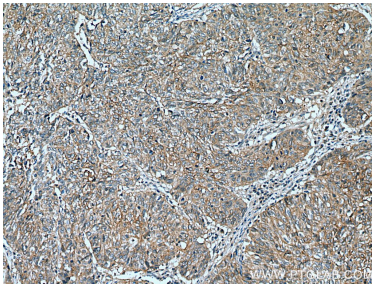
Various lysates were subjected to SDS PAGE followed by western blot with 67338-1-Ig (PSMD9 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



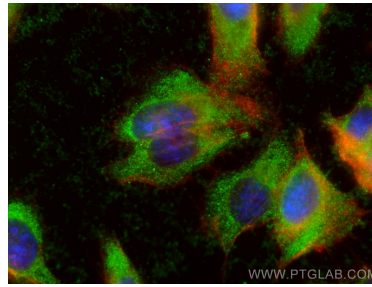
WB result of PSMD9 antibody (67338-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PSMD9 transfected A549 cells.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 67338-1-Ig (PSMD9 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 67338-1-Ig (PSMD9 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using PSMD9 antibody (67338-1-Ig, Clone: 1H2G1) at dilution of 1:400 and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).