

Nur für Forschungszwecke

PSMD9 Polyklonaler Antikörper

Katalog-Nr.: 26922-1-AP

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.:

26922-1-AP

Größe:

150ul, Konzentration: 700 µg/ml von

Nanodrop und 333 µg/ml durch die

Bradford-Methode mit BSA als

Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG25638

GenBank-Zugangsnummer:

BC004213

GeneID (NCBI):

5715

Vollständiger Name:

proteasome (prosome, macropain)

26S subunit, non-ATPase, 9

Berechnete Masse:

27 kDa

Beobachtete Masse:

30 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:6000

IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

FC, IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: A549-Zellen, HepG2-Zellen, Jurkat-Zellen, Mausmilzgewebe, MCF-7-Zellen, MDA-MB-453s-Zellen

IHC: humanes Mammakarzinomgewebe,

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

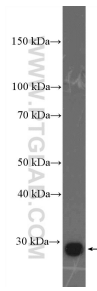
For technical support and original validation data for this product please contact:

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

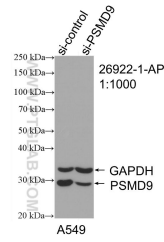
E: proteintech@ptglab.com
W: ptglab.com

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

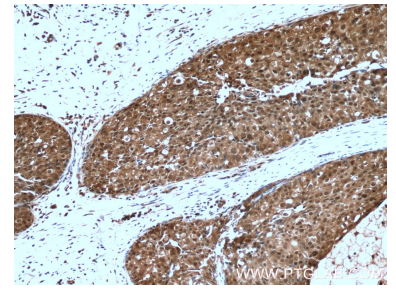
Ausgewählte Validierungsdaten



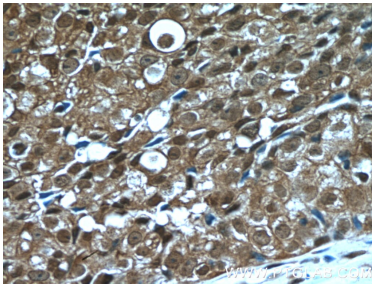
A549 cells were subjected to SDS PAGE followed by western blot with 26922-1-AP (PSMD9 Antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



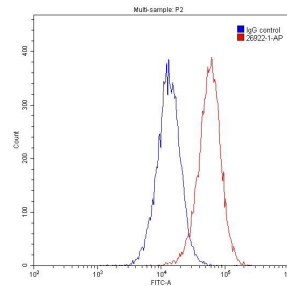
WB result of PSMD9 antibody (26922-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PSMD9 transfected A549 cells.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 26922-1-AP (PSMD9 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 breast cancer tissue slide using 26922-1-AP (PSMD9 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 HeLa cells were stained with 0.20ug PSMD9 antibody (26922-1-AP, red) and control antibody (blue). Fixed with 90% MeOH.