

Allgemeine Informationen

Katalog-Nr.: 66179-1-Ig	GenBank-Zugangsnummer: BC002365	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1100 µg/ml von5710 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 5710	CloneNo.: 3G1A1
Wirt: Maus	Vollständiger Name: proteasome (prosome, macropain) 26S subunit, non-ATPase, 4	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:20-1:200 IF 1:400-1:1600
Isotyp: IgG1	Berechnete Masse: 41 kDa	
Immunogen Katalognummer: AG7010	Beobachtete Masse: 50 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

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

Positivkontrollen:

WB : U2OS-Zellen, 4T1-Zellen, HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, K-562-Zellen, LNCaP-Zellen, NIH/3T3-Zellen

IHC : humanes Hodengewebe,

IF : HeLa-Zellen,

Hintergrundinformationen

SMD4, also named as MCB1, AF or ASF, belongs to the proteasome subunit S5A family. It binds and presumably selects ubiquitin-conjugates for destruction. PSMD4 displays selectivity for longer polyubiquitin chains. It modulates intestinal fluid secretion. PSMD4 is exposed on the sperm acrosomal surface, a notion that was further supported by the binding of non-cell permeant, biotinylated proteasomal inhibitor ZL3VS to the sperm acrosome. It is involved in the sperm-ZP penetration during fertilization. (PMID: 20526895) This antibody is specific to PSMD4.

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

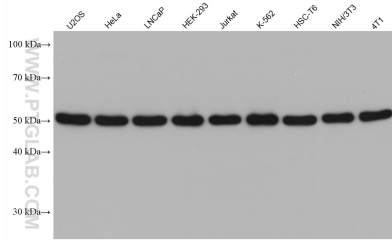
For technical support and original validation data for this product please contact:

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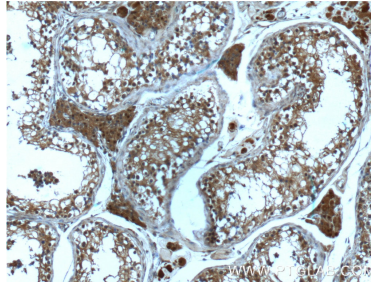
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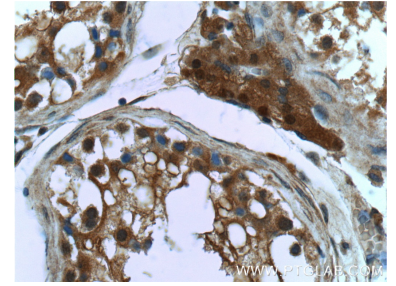
Ausgewählte Validierungsdaten



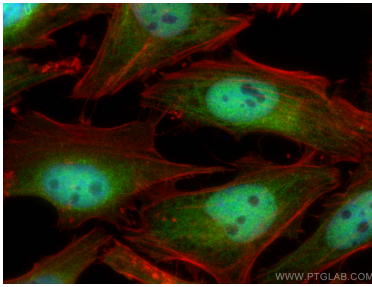
Various lysates were subjected to SDS PAGE followed by western blot with 66179-1-Ig (PSMD4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66179-1-Ig (PSMD4 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66179-1-Ig (PSMD4 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using PSMD4 antibody (66179-1-Ig, Clone: 3G1A1) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).