

Mouse anti-Human PSMD11 Monoclonal Antibody | anti-PSMD11 antibody

PSMD11 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48261	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

PSMD11; Monoclonal Antibody; PSMD11 antibody; proteasome 26S non-ATPase subunit 11; S9; Rpn6; p44.5; MGC3844; anti-PSMD11 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	AT2C7
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	422
Applicable Applications for anti-PSMD11 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human PSMD11 (1-422aa) purified from E. coli
Clone Note	Anti-human PSMD11 mAb, clone AT2C7, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human PSMD11 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of PSMD11 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human PSMD11 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human PSMD11 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate Lane 2.: 293T cell lysate Lane 3.: U87-MG cell lysate Lane 4.: NIH-3T3 cell lysate Lane 5.: PC3 cell lysate Lane 6.: TF1 cell lysate Lane 7.: MCF7 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD11 antibody	The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. PSMD11 is a member of the proteasome subunit S9 family that functions as a nonATPase subunit of the 19S regulator and is phosphorylated by AMP-activated protein kinase.
Product Categories/Family for anti-PSMD11 antibody	Ubiquitination; Proteases & Inhibitors
References	Ogris E., et al. (1999) J. Biol. Chem. 274: 14382-14391.; Gagnon S.N., et al. (2002) Biochem. J. 368: 263-271.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28872725
NCBI GeneID	5717
NCBI Accession #	NP_002806
NCBI GenBank Nucleotide #	NM_002815.3
UniProt Accession #	O00231; O00495; Q53FT5; A8K3I7; E1P663
Molecular Weight	47,535 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 11
NCBI Official Synonym Full Names	proteasome 26S subunit, non-ATPase 11
NCBI Official Symbol	PSMD11
NCBI Official Synonym Symbols	S9; Rpn6; p44.5
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 11
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 11
UniProt Gene Name	PSMD11

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/psmd11-antibody-clone-at2c7-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/48261>