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Product datasheet for AM09082PU-S

PSMD11 Mouse Monoclonal Antibody [Clone ID: AT1F4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AT1F4
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western blot (1:250 - 1:1000).
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human PSMD11 (1-422 aa) purified from E. coli
Specificity:	The antibody recognizes human and mouse PSMD11. Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	proteasome 26S subunit, non-ATPase 11
Database Link:	Entrez Gene 69077 MouseEntrez Gene 5717 Human O00231

View online »

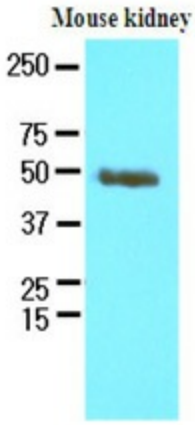
Background: PSMD11 (Proteasome 26S non-ATPase subunit 11), also known as S9, Rpn6 or p44.5, has multi-subunit protease complexes consisting of 20S subunits composed of four seven-numbered rings with two outer rings containing alpha subunits and two central rings composed of beta subunits, and 19S caps of 6 ATPase and 11 non-ATPase subunits. PSMD11 is the main proteolytic enzyme that functions in ATP-dependent degradation of ubiquitinated proteins.

Synonyms: MGC3844; p44.5; Rpn6; S9

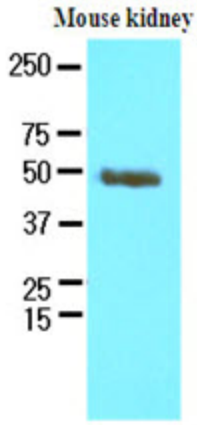
Protein Families: Stem cell - Pluripotency

Protein Pathways: Proteasome

Product images:



The extracts of mouse kidney (60ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human PSMD11 (1:250). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system



Western blot analysis: The extracts of mouse kidney (60 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human PSMD11 (1:250). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.