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PSMA6 Recombinant Mouse mAb

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Catalog # AP94611

Product Information

Application	WB, IF, ICC
Host	Rabbit
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG2b/Kappa
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm. Nucleus. Cytoplasm, P-body (By similarity). Note=Co-localizes with TRIM5 in the cytoplasmic bodies (By similarity).
SIMILARITY	Belongs to the peptidase T1A family.
SUBUNIT	The 26S proteasome consists of a 20S proteasome core and two 19S regulatory subunits. The 20S proteasome core is composed of 28 subunits that are arranged in four stacked rings, resulting in a barrel-shaped structure. The two end rings are each formed by seven alpha subunits, and the two central rings are each formed by seven beta subunits. The catalytic chamber with the active sites is on the inside of the barrel.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The gene encodes a 246-amino acid polypeptide containing an RNA binding motif, a putative nuclear localization signal, and phosphorylation sites. The alpha subunits comprises the outer rings of the proteasome. Some alpha subunits contain a functional nuclear localization signal; proteasomes are found in both the nuclear and cytoplasmic compartments of the cell. Alpha subunits may constitute a physical barrier that limits access of cytosolic proteins into the inner proteolytic chamber.

Additional Information

Dilution	WB=1:500-1:1000,ICC/IF=1:50
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Background

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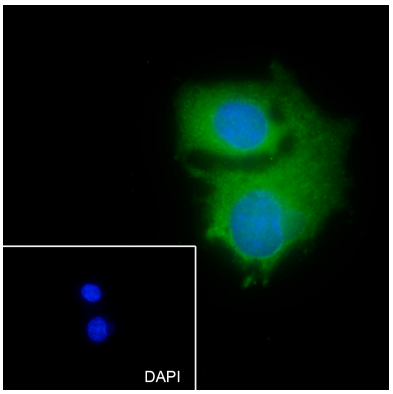
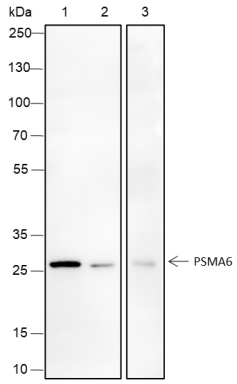
Images



Cell line: HepG2 Fixative: 100% Ice-cold methanol Permeabilization: 0.1% TritonX-100 Primary ab dilution: 1:50 Primary incubation condition: 4°C overnight Secondary ab: Goat Anti-Mouse IgG Nuclear counter stain: DAPI (Blue) Comment: Color green is the positive signal for AP94611



Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1:1000 Primary ab incubation condition: 2 hours at room temperature Secondary ab: Goat Anti-Mouse IgG H&L (HRP) Lysate:1: HeLa, 2: 293T, 3: Rat liver Protein loading quantity: 20 µg Exposure time: 10 s Predicted MW: 30 kDa Observed MW: 30 kDa