

Rabbit PSME1 Monoclonal Antibody | anti-PSME1 antibody

PSME1 Antibody

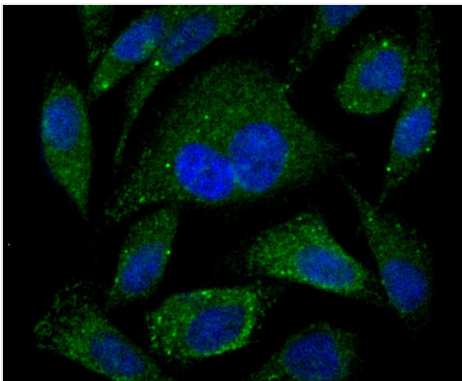
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30432	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation

PRODUCT SYNONYMS

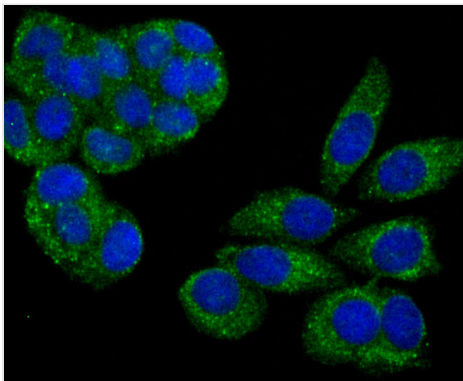
PSME1; Monoclonal Antibody; PSME1 Antibody; 11S regulator complex alpha subunit antibody; 11S regulator complex subunit alpha antibody; 29 kD MCP activator subunit antibody; 29kD MCP activator subunit antibody; Activator of multicatalytic protease subunit 1 antibody; IFI5111 antibody; IGUP I-5111 antibody; Interferon gamma IEF SSP 5111 antibody; Interferon gamma inducible protein 5111 antibody; Interferon gamma up regulated I 5111 protein antibody; Interferon gamma up-regulated I-5111 protein antibody; MGC8628 antibody; PA28a antibody; PA28alpha antibody; Proteasome (prosome; macropain) activator subunit 1 (PA28 alpha) antibody; Proteasome activator 28 subunit alpha antibody; Proteasome activator complex subunit 1 antibody; Proteasome activator subunit 1 antibody; PSME1 antibody; PSME1_HUMAN antibody; REG-alpha antibody; REGalpha antibody; anti-PSME1 antibody

PRODUCT SPECIFICATIONS

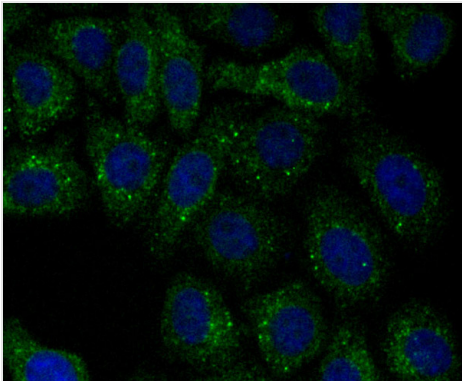
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JU60-33
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PSME1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Application Notes	WB: 1:500-1:1000 IHC: 1:50-1:200 ICC: 1:50-1:100 IP: 1:10-1:50
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



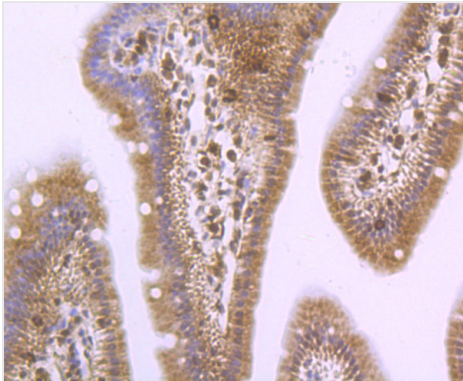
ICC (Immunocytochemistry)
ICC staining PSME1 in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



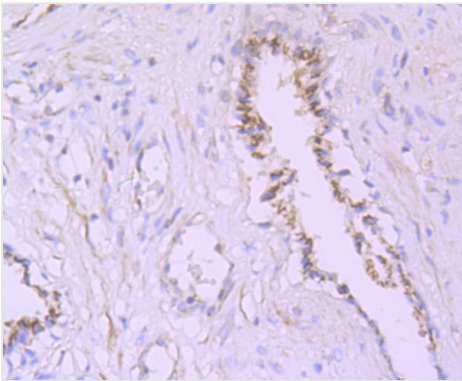
ICC (Immunocytochemistry)
ICC staining PSME1 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



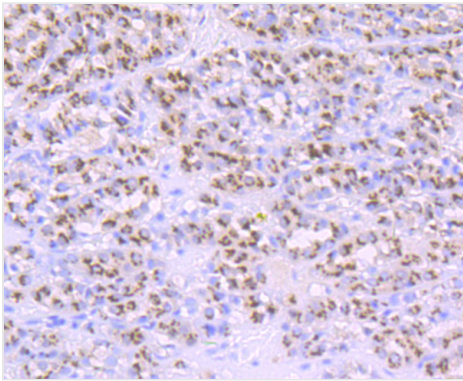
ICC (Immunocytochemistry)
ICC staining PSME1 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue using anti-PSME1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human prostate tissue using anti-PSME1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-PSME1 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-PSME1 antibody	Implicated in immunoproteasome assembly and required for efficient antigen processing. The PA28 activator complex enhances the generation of class I binding peptides by altering the cleavage pattern of the proteasome.
Product Categories/Family for anti-PSME1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	528078353
NCBI GeneID	5720
NCBI Accession #	NP_001268457.1
NCBI GenBank Nucleotide #	NM_001281528.1
UniProt Accession #	Q06323; Q6IBM2; Q9UEF4; A6NJG9; H0YNE3
Molecular Weight	26,870 Da
NCBI Official Full Name	proteasome activator complex subunit 1 isoform 3
NCBI Official Synonym Full Names	proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)
NCBI Official Symbol	PSME1
NCBI Official Synonym Symbols	PA28A; IFI5111; REGalpha; PA28alpha
NCBI Protein Information	proteasome activator complex subunit 1; 11S regulator complex subunit alpha; 29-kD MCP activator subunit; IGUP I-5111; activator of multicatalytic protease subunit 1; interferon gamma up-regulated I-5111 protein; interferon-gamma IEF SSP 5111; interferon-
UniProt Protein Name	Proteasome activator complex subunit 1
UniProt Gene Name	PSME1
UniProt Synonym Gene Names	IFI5111; REG-alpha; IGUP I-5111; PA28a; PA28alpha
UniProt Entry Name	PSME1_HUMAN

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/psme1-antibody-clone-ju60-33-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-immunoprecipitation-elisa/30432>