

Rabbit PSMB10 Polyclonal Antibody | anti-PSMB10 antibody

Rabbit anti-PSMB10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222899	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

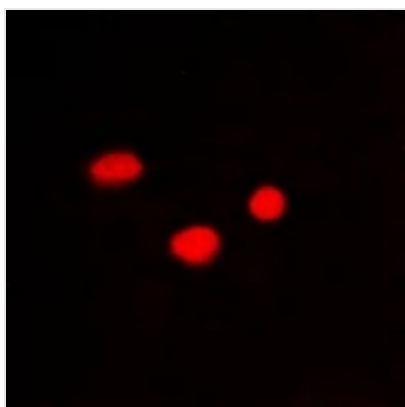
PRODUCT SYNONYMS

PSMB10; Polyclonal Antibody; Rabbit anti-PSMB10 Antibody; LMP10; MECL1; Proteasome subunit beta type-10; Low molecular mass protein 10; Macropain subunit MECL-1; Multicatalytic endopeptidase complex subunit MECL-1; Proteasome MECL-1; Proteasome subunit beta-2i; anti-PSMB10 antibody

PRODUCT SPECIFICATIONS

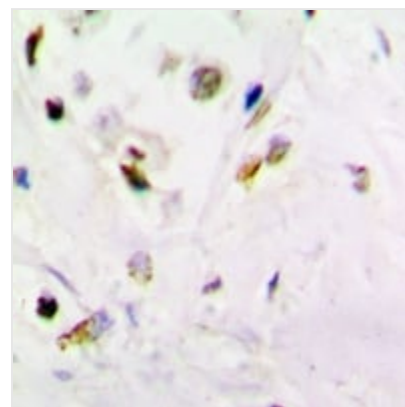
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PSMB10 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human PSMB10
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



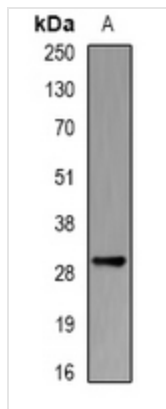
IF (Immunofluorescence)

Immunofluorescent analysis of PSMB10 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of PSMB10 staining in mouse brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of PSMB10 expression in THP1 (A) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PSMB10 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506191
NCBI GeneID	5699
NCBI Accession #	NP_002792.1
NCBI GenBank Nucleotide #	NM_002801.3
UniProt Accession #	P40306; O35955; Q4KM35
Molecular Weight	28,936 Da
NCBI Official Full Name	proteasome subunit beta type-10
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 10
NCBI Official Symbol	PSMB10
NCBI Official Synonym Symbols	LMP10; MECL1; beta2i
NCBI Protein Information	proteasome subunit beta type-10; low molecular mass protein 10; macropain subunit MECL-1; multicatalytic endopeptidase complex subunit MECL-1; proteasome MECL-1; proteasome catalytic subunit 2i; proteasome subunit MECL1; proteasome subunit beta 7i; protea
UniProt Protein Name	Proteasome subunit beta type-10
UniProt Gene Name	PSMB10
UniProt Synonym Gene Names	LMP10; MECL1
UniProt Entry Name	PSB10_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.