

Mouse PSMB7 Monoclonal Antibody | anti-PSMB7 antibody

PSMB7 antibody

CATALOG # AAA107416	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

PSMB7; Monoclonal Antibody; PSMB7 antibody; Monoclonal PSMB7; Anti-PSMB7; Z; PSMB 7; PSMB-7; anti-PSMB7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1E1
Purity/Purification	PSMB7 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	277
Applicable Applications for anti-PSMB7 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	This gene encodes a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit in the proteasome. Expression of this catalytic subunit is downregulated by gamma interferon and proteolytic processing is required to generate a mature subunit.
Cross-Reactivity	Human, Monkey, Mouse
Immunogen	PSMB7 antibody was raised in Mouse using Human recombinant protein fragment corresponding to amino acids 58-277 of human PSMB7 produced in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PSMB7 protein (Right) or empty vector (Left) detected with PSMB7 antibody


IHC (Immunohistochemistry)

Immunohistochemical analysis of PSMB7 protein in paraffin embedded Adenocarcinoma of Human breast tissue using PSMB7 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB7 antibody	Mouse monoclonal PSMB7 antibody
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Product Categories/Family for anti-PSMB7 antibody

Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	48145559
NCBI GeneID	5695
UniProt Accession #	Q6IBT1; Q99436
Molecular Weight	29,937 Da
NCBI Official Full Name	PSMB7
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 7
NCBI Official Symbol	PSMB7
NCBI Official Synonym Symbols	Z
NCBI Protein Information	proteasome subunit beta type-7
UniProt Protein Name	Proteasome subunit beta type
UniProt Gene Name	PSMB7
UniProt Entry Name	Q6IBT1_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/psmb7-antibody-clone-1e1-western-blot-immunohistochemistry-elisa/107416>