

Mouse PSMB9 Monoclonal Antibody | anti-PSMB9 antibody

PSMB9 antibody

CATALOG # AAA106893	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry
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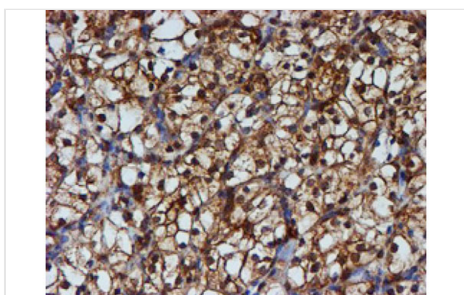
PRODUCT SYNONYMS

PSMB9; Monoclonal Antibody; PSMB9 antibody; Monoclonal PSMB9; Anti-PSMB9; beta1i; LMP2; MGC70470; PSMB6i; RING12; PSMB 9; PSMB-9; anti-PSMB9 antibody

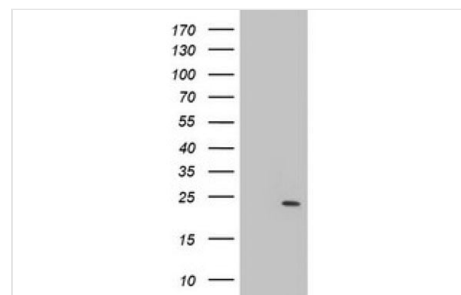
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	1C4
Purity/Purification	PSMB9 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	219
Applicable Applications for anti-PSMB9 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), 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. This gene is located in the class II region of the MHC (major histocompatibility complex). Expression of this gene is induced by gamma interferon and this gene product replaces catalytic subunit 1 (proteasome beta 6 subunit) in the immunoproteasome. Proteolytic processing is required to generate a mature subunit.
Cross-Reactivity	Human
Immunogen	PSMB9 antibody was raised in Mouse using Human recombinant protein fragment corresponding to amino acids 21-219 of human PSMB9 produced in HEK293T cell 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.

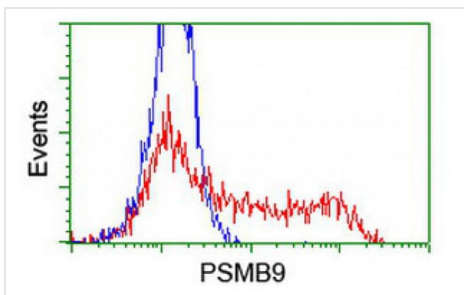
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of PSMB9 protein in paraffin embedded Carcinoma of Human kidney tissue using PSMB9 antibody


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PSMB9 protein (Right) or empty vector (Left) detected with PSMB9 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant PSMB9 protein (red) or empty vector (blue) stained using PSMB9 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB9 antibody	Mouse monoclonal PSMB9 antibody
Product Categories/Family for anti-PSMB9 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506205
NCBI GeneID	5698
NCBI Accession #	NP_002791.1
NCBI GenBank Nucleotide #	NM_002800.4
Molecular Weight	22,328 Da
NCBI Official Full Name	proteasome subunit beta type-9 proprotein
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 9
NCBI Official Symbol	PSMB9
NCBI Official Synonym Symbols	LMP2; PSMB6i; RING12; beta1i
NCBI Protein Information	proteasome subunit beta type-9
UniProt Protein Name	Proteasome subunit beta type-9
UniProt Gene Name	PSMB9
UniProt Synonym Gene Names	LMP2; PSMB6i; RING12
UniProt Entry Name	PSB9_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/psmb9-antibody-clone-1c4-western-blot-flow-cytometry-immunohistochemistry-elisa/106893>