

Mouse PPME1 Monoclonal Antibody | anti-PPME1 antibody

PPME1 antibody

CATALOG # AAA106753	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

PPME1; Monoclonal Antibody; PPME1 antibody; Monoclonal PPME1; Anti-PPME1; PPME 1; PPME-1; anti-PPME1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	10B2
Purity/Purification	PPME1 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	500 ug-1 mg/ml (varies by lot)
Sequence Length	386
Applicable Applications for anti-PPME1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	PPM1G (Protein phosphatase 1G) is a member of the PP2C family of Serine/threonine protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. The human Ser/Thr phosphatase PPM1G promotes spliceosome assembly. This phosphatase is found to be responsible for the dephosphorylation of Pre-mRNA splicing factors, which is important for the formation of functional spliceosome.
Cross-Reactivity	Human
Immunogen	PPME1 antibody was raised in mouse using a full length recombinant protein of human PPME1 (NP_057231) produced in HEK293T cells, 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 using PPME1 antibody. Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PPME1 protein (Right) or empty vector (Left) detected with PPME1 antibody.



IF (Immunofluorescence)

Immunofluorescent staining using PPME1 antibody. Immunofluorescent staining of COS7 cells transiently transfected with recombinant PPME1 protein using PPME1 antibody.



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis using PPME1 antibody
Flow Cytometric analysis of HEK293T cells transfected with either recombinant PPME1 protein (red) or empty vector (blue) stained using PPME1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PPME1 antibody	Mouse monoclonal PPME1 antibody
Product Categories/Family for anti-PPME1 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706645
NCBI GeneID	51400
NCBI Accession #	NP_057231
NCBI GenBank Nucleotide #	NM_016147.2
UniProt Accession #	Q9Y570 ; Q8WYG8 ; Q9NVT5 ; Q9UI18 ; B3KMU6 ; B5MEE7 ; J3QT22
Molecular Weight	43,870 Da
NCBI Official Full Name	protein phosphatase methylesterase 1 isoform a
NCBI Official Synonym Full Names	protein phosphatase methylesterase 1
NCBI Official Symbol	PPME1
NCBI Official Synonym Symbols	PME-1
NCBI Protein Information	protein phosphatase methylesterase 1
UniProt Protein Name	Protein phosphatase methylesterase 1
UniProt Gene Name	PPME1
UniProt Synonym Gene Names	PME1; PME-1
UniProt Entry Name	PPME1_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/ppme1-antibody-clone-10b2-western-blot-immunofluorescence-flow-cytometry-elisa/106753>