Mouse PPP5C Monoclonal Antibody | anti-PPP5C antibody

PPP5C antibody

CATALOG #	HOST	APPLICATIONS
AAA106881	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence**

PRODUCT SYNONYMS

PPP5C; Monoclonal Antibody; PPP5C antibody; Monoclonal PPP5C; Anti-PPP5C; Protein Phosphatase 5 Catalytic Subunit; FLJ36922; PP5; PPP5; PPPC 5; PPPC-5; anti-PPP5C antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	1G2
Purity/Purification	PPP5C 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	484
Applicable Applications for anti-PPP5C antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	PPP5C may play a role in the regulation of RNA biogenesis and/or mitosis. In vitro, PPP5C dephosphorylates serine residues of skeletal muscle phosphorylase and histone H1.
Cross-Reactivity	Human
Immunogen	PPP5C antibody was raised in mouse using a protein expressed in 293T cell transfected with human PPP5C expression vector 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

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant PPP5C protein using PPP5C antibody

IHC (Immunohistochemisry)
Immunohistochemical analysis of PPP5C protein in paraffin embedded Human colon tissue using PPP5C antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PPP5C protein (Right) or empty vector (Left) detected with PPP5C antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant PPP5C protein (red) or empty vector (blue) stained using PPP5C antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PPP5C antibody	Mouse monoclonal PPP5C antibody
Product Categories/Family for anti-PPP5C antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	38197276
NCBI GeneID	5536
UniProt Accession #	P53041; Q16722; Q53XV2
Molecular Weight	56,879 Da
NCBI Official Full Name	PPP5C protein, partial
NCBI Official Synonym Full Names	protein phosphatase 5, catalytic subunit
NCBI Official Symbol	PPP5C
NCBI Official Synonym Symbols	PP5; PPT; PPP5
NCBI Protein Information	serine/threonine-protein phosphatase 5
UniProt Protein Name	Serine/threonine-protein phosphatase 5
UniProt Gene Name	**PPP5C**
UniProt Synonym Gene Names	PPP5; PP5; PP-T; PPT
UniProt Entry Name	PPP5_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/ppp5c-antibody-clone-1g2-western-blot-immunohistochemistry-immunofluorescence-elisa/106881