

Mouse anti-Human PPP1CB Monoclonal Antibody | anti-PPP1CB antibody

Anti-PPP1CB Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14154	Mouse	Human	Western Blot, Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

PPP1CB; Monoclonal Antibody; Anti-PPP1CB Mouse mAb; PP1B; PP-1B; PPP1CD; PP1beta; anti-PPP1CB antibody

PRODUCT SPECIFICATIONS

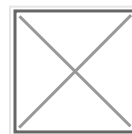
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	8A7C7
Form/Format	Purified antibody in PBS with 0.05% sodium azide.
Sequence Length	327
Applicable Applications for anti-PPP1CB antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Purified recombinant fragment of human PPP1CB (AA: 174-327) expressed in E Coli.

IMAGES



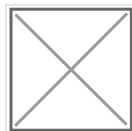
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using PPP1CB mouse mAb with DAB staining.



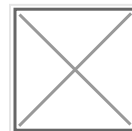
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using PPP1CB mouse mAb with DAB staining.



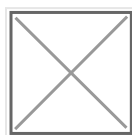
FCM (Flow Cytometry)

Flow cytometric analysis of Jurkat cells using PPP1CB mouse mAb (green) and negative control (red).



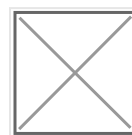
IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using PPP1CB mouse mAb (green). Blue



WB (Western Blot)

Western blot analysis using PPP1CB mouse mAb against Jurkat (1), A431 (2), Hela (3), HepG2 (4), HEK293 (5), MCF-7 (6) cell lysate.



WB (Western Blot)

Western blot analysis using PPP1CB mAb against HEK293 (1) and PPP1CB (AA)

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1CB antibody	Entrez Summary: The protein encoded by this gene is one of the three catalytic subunits of protein phosphatase 1 (PP1). PP1 is a serine/threonine specific protein phosphatase known to be involved in the regulation of a variety of cellular processes, such as cell division, glycogen metabolism, muscle contractility, protein synthesis, and HIV-1 viral transcription. Mouse studies suggest that PP1 functions as a suppressor of learning and memory. Two alternatively spliced transcript variants encoding distinct isoforms have been observed
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49457562
NCBI GeneID	5500
Molecular Weight	37.2
NCBI Official Full Name	PPP1CB, partial
NCBI Official Synonym Full Names	protein phosphatase 1 catalytic subunit beta
NCBI Official Symbol	PPP1CB
NCBI Official Synonym Symbols	PP1B; PP-1B; PPP1CD; PP1beta; HEL-S-80p
NCBI Protein Information	serine/threonine-protein phosphatase PP1-beta catalytic subunit
UniProt Protein Name	Serine/threonine-protein phosphatase PP1-beta catalytic subunit
UniProt Gene Name	PPP1CB
UniProt Synonym Gene Names	PP-1B; PPP1CD

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/ppp1cb-antibody-clone-8a7c7-western-blot-immunohistochemistry-immunocytochemistry-flow-cytometry-elisa/14154>