Mouse PPP1R15A Monoclonal Antibody | anti-PPP1R15A antibody

PPP1R15A antibody

CATALOG #	HOST	APPLICATIONS
AAA106615	**Mouse**	**Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry**

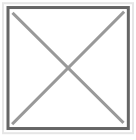
PRODUCT SYNONYMS

PPP1R15A; Monoclonal Antibody; PPP1R15A antibody; Monoclonal PPP1R15A; Anti-PPP1R15A; GADD34; PPPR5A 1; PPPR5A-1; anti-PPP1R15A antibody

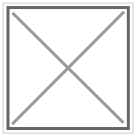
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1E1
Purity/Purification	PPP1R15A 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	674
Applicable Applications for anti-PPP1R15A antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Biological Significance	This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The induction of this gene by ionizing radiation occurs in certain cell lines regardless of p53 status, and its protein response is correlated with apoptosis following ionizing radiation.
Cross-Reactivity	Human
Immunogen	PPP1R15A antibody was raised in Mouse using full length human recombinant protein of human PPP1R15A 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.

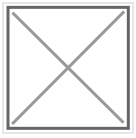
IMAGES



IHC (Immunohistochemisry)
Immunohistochemical analysis of PPP1R15A protein in paraffin embedded Human pancreas tissue using PPP1R15A antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PPP1R15A protein (Right) or empty vector (Left) detected with PPP1R15A antibody



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant PPP1R15A protein (red) or empty vector (blue) stained using PPP1R15A antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1R15A antibody	Mouse monoclonal PPP1R15A antibody
Product Categories/Family for anti-PPP1R15A antibody	Cell Cycle & Cell Death

NCBI AND UNIPROT INFORMATION

NCBI GI #	157674363
NCBI GeneID	23645
NCBI Accession #	NP_055145.3
NCBI GenBank Nucleotide #	NM_014330.3
UniProt Accession #	O75807; Q6IA96; Q9NVU6; B4DKQ3
Molecular Weight	56,515 Da
NCBI Official Full Name	protein phosphatase 1 regulatory subunit 15A
NCBI Official Synonym Full Names	protein phosphatase 1, regulatory subunit 15A
NCBI Official Symbol	PPP1R15A
NCBI Official Synonym Symbols	GADD34
NCBI Protein Information	protein phosphatase 1 regulatory subunit 15A
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 15A
UniProt Gene Name	**PPP1R15A**
UniProt Synonym Gene Names	GADD34
UniProt Entry Name	PR15A_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/ppp1r15a-antibody-clone-1e1-western-blot-flow-cytometry-immunohistochemistry-elisa/106615