

Mouse FKBP1A Monoclonal Antibody | anti-FKBP1A antibody

FKBP1A antibody

CATALOG # AAA74772	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay
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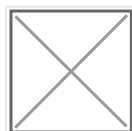
PRODUCT SYNONYMS

FKBP1A; Monoclonal Antibody; FKBP1A antibody; Monoclonal FKBP1A; Anti-FKBP1A; FK506 binding protein 1A; FKBP12; PKC12; PPIASE; Immunophilin FKBP12; FK506 binding protein 12; FK506 binding protein 1; FKBP1A 1; FKBP1A-1; anti-FKBP1A antibody

PRODUCT SPECIFICATIONS

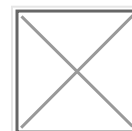
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	3B3
Purity/Purification	FKBP1A antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	108
Applicable Applications for anti-FKBP1A antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	FKBP1A is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. The protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It interacts with several intracellular signal transduction proteins including type I TGF-beta receptor. It also interacts with multiple intracellular calcium release channels, and coordinates multi-protein complex formation of the tetrameric skeletal muscle ryanodine receptor. In mouse, deletion of this homologous gene causes congenital heart disorder known as noncompaction of left ventricular myocardium.
Cross-Reactivity	Human
Immunogen	FKBP1A antibody was raised in mouse using a full length recombinant protein of human FKBP1A (NP_000792) 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



IHC (Immunohistochemistry)

Immunohistochemical analysis of FKBP1A protein in paraffin embedded Human Kidney tissue using FKBP1A antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant FKBP1A protein (Right) or empty vector (Left) detected with FKBP1A antibody

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP1A antibody	Mouse monoclonal FKBP1A antibody
Product Categories/Family for anti-FKBP1A antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503725
NCBI GeneID	2280
NCBI Accession #	NP_000792
NCBI GenBank Nucleotide #	NM_000801.4
UniProt Accession #	P62942; P20071; Q4VC47; Q6FGD9; Q6LEU3; Q9H103; Q9H566; D3D VW6
Molecular Weight	11,951 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase FKBP1A isoform a
NCBI Official Synonym Full Names	FK506 binding protein 1A, 12kDa
NCBI Official Symbol	FKBP1A
NCBI Official Synonym Symbols	FKBP1; PKC12; PKC12; FKBP12; PPIASE; FKBP-12; FKBP-1A
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP1A
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP1A
UniProt Gene Name	FKBP1A
UniProt Synonym Gene Names	FKBP1; FKBP12; PPIase FKBP1A; 12 kDa FKBP; FKBP-12; FKBP-1A
UniProt Entry Name	FKB1A_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/fkbp1a-antibody-clone-3b3-western-blot-immunohistochemistry-flow-cytometry-elisa/74772>