

Mouse FKBP5 Monoclonal Antibody | anti-FKBP5 antibody

FKBP5 antibody

CATALOG # AAA74907	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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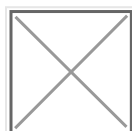
PRODUCT SYNONYMS

FKBP5; Monoclonal Antibody; FKBP5 antibody; Monoclonal FKBP5; Anti-FKBP5; Fk506 Binding Protein 5; FKBP51; FKBP54; MGC111006; P54; PPlase; Ptg-10; FKBP 5; FKBP-5; anti-FKBP5 antibody

PRODUCT SPECIFICATIONS

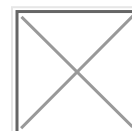
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3 E9
Purity/Purification	FKBP5 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	456
Applicable Applications for anti-FKBP5 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	FKBP5 is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. It is a cis-trans prolyl isomerase that binds to the immunosuppressants FK506 and rapamycin. It is thought to mediate calcineurin inhibition. It also interacts functionally with mature hetero-oligomeric progesterone receptor complexes along with the 90 kDa heat shock protein and P23 protein.
Cross-Reactivity	Human
Immunogen	FKBP5 antibody was raised in mouse using a protein expressed in 293T cell transfected with human FKBP5 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



IHC (Immunohistochemistry)

Immunohistochemical analysis of FKBP5 protein in paraffin embedded Human pancreas tissue using FKBP5 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant FKBP5 protein (Right) or empty vector (Left) detected with FKBP5 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP5 antibody	Mouse monoclonal FKBP5 antibody
Product Categories/Family for anti-FKBP5 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	71060071
NCBI GeneID	14229
UniProt Accession #	Q4FJN2; Q64378
Molecular Weight	50,966 Da
NCBI Official Full Name	Fkbp5
NCBI Official Synonym Full Names	FK506 binding protein 5
NCBI Official Symbol	Fkbp5
NCBI Official Synonym Symbols	Dit1; FKBP-5; FKBP51; D17Ert592e
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP5
UniProt Protein Name	FK506 binding protein 5
UniProt Gene Name	Fkbp5
UniProt Entry Name	Q4FJN2_MOUSE

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/fkbp5-antibody-clone-3-e9-western-blot-immunohistochemistry-immunofluorescence-elisa/74907>