

FKBP5 rabbit monoclonal antibody

Catalog # H00002289-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human FKBP5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human FKBP5 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human FKBP5 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — FKBP5

Entrez GeneID	2289
GeneBank Accession#	FKBP5
Gene Name	FKBP5
Gene Alias	FKBP51, FKBP54, MGC111006, P54, PPlase, Ptg-10
Gene Description	FK506 binding protein 5
Omim ID	602623 608516
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein 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. This gene has been found to have multiple polyadenylation sites. Alternative splicing results in multiple transcript variants.[provided by RefSeq]
Other Designations	51 kDa FK506-binding protein 5 54 kDa progesterone receptor-associated immunophilin FF1 antigen FK506-binding protein 5 HSP90-binding immunophilin OTTHUMP00000016268 T-cell FK506-binding protein peptidylprolyl cis-trans isomerase rotamase

Disease

- [Addison Disease](#)
- [Alcoholism](#)
- [Anxiety Disorders](#)
- [Asthma](#)
- [Bipolar Disorder](#)
- [Depressive Disorder](#)
- [Dysthymic Disorder](#)
- [Genetic Predisposition to Disease](#)

- [Glaucoma](#)
- [HIV Infections](#)
- [Inflammation](#)
- [Mood Disorders](#)
- [Personality Inventory](#)
- [Personality Tests](#)
- [Recurrence](#)
- [Stress](#)
- [Stress Disorders](#)
- [Substance-Related Disorders](#)
- [Tobacco Use Disorder](#)