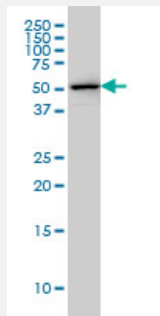


FKBP5 monoclonal antibody (M01), clone 3D10-1G11

Catalog # H00002289-M01

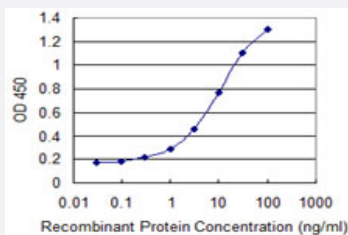
Size 100 ug

Applications



Western Blot (Cell lysate)

FKBP5 monoclonal antibody (M01), clone 3D10-1G11 Western Blot analysis of FKBP5 expression in COLO 320 HSR (Cat # L020V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FKBP5 is 0.1 ng/ml as a capture antibody.

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant FKBP5.

Immunogen

FKBP5 (AAH42605, 1 a.a. ~ 457 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MTTDEGAKNNEESPTATVAEQGEDITSKKDRGVLKMKRVGNGEETPMIGDKVYVHYKGKLSNGK
KFDSSSHDRNEPFVFSLGKGQVIKAWDIGVATMKKGEICHLLCKPEYAYGSAGSLPKIPSNATLFFEI
ELLDFFKGEDLFEDGGIIRRTKRKGEGYSNPNEGATVEIHLEGRCGGRMFDCRDVAFTVGEDEDH
DIPIGDKALEKMQREEQCILYLGPRYGFGEAGKPKFGIEPNAELMEVTLKSFEKAKESWEMDTKE
KLEQAAMVKEKGTVYFKGGKYMQAVIQYGKMSWLEMEYGLSEKESKASESFLAAFLNLAMCYLK
LREYTKAVECCDKALGLDSANEKGLYRRGEAQLLMNEFESAKGDFEKLVEVNPQNKAARLQISM
CQKKAKEHNERDRRIYANMFKKFAEQDAKEEANKAMGKKTSEGVNTNEKGTDSQAMEEEKPEGH
V

Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

FKBP5 monoclonal antibody (M01), clone 3D10-1G11 Western Blot analysis of FKBP5 expression in COLO 320 HSR (Cat # L020V1).

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FKBP5 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FKBP5

Entrez GeneID	2289
GeneBank Accession#	BC042605
Protein Accession#	AAH42605
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

Publication Reference

- [Org 214007-0: a novel non-steroidal selective glucocorticoid receptor modulator with full anti-inflammatory properties and improved therapeutic index.](#)

van Lierop MJ, Alkema W, Laskewitz AJ, Dijkema R, van der Maaden HM, Smit MJ, Plate R, Conti PG, Jans CG, Timmers CM, van Boeckel CA, Lusher SJ, McGuire R, van Schaik RC, de Vlieg J, Smeets RL, Hofstra CL, Boots AM, van Duin M, Ingelse BA, Schoonen WG, Grefhorst A, van Dijk TH, Kuipers F, Dokter WH.

PLoS One 2012 Nov; 7(11):e48385.

Application: AlphaLISA, Human, THP-1 cells

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](#)