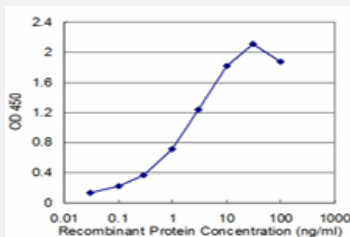


FKBP5 monoclonal antibody (M03), clone 4H7-1F12

Catalog # H00002289-M03

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FKBP5 is approximately 0.03ng/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 KFDSSSHDRNEPFVFSLGKGQVIKAWDIGVATMKKGEICHLCKPEYAYGSAGSLPKIPSNATLFFEI ELLDFKGEDLFEDGGIIRRTKRKGEGYSNPNEGATVEIHLEGRCGGRMFDCRDVAFTVGEGEDH DIPIGDKALEKMQREEQCILYLGPRYGFGEAGKPKFGIEPNAELIYEVTLKSFEKAKESWEMDTKE KLEQAAIVKEKGTVYFKGGKYMQAVIQYGMVSWLEMEYGLSEKESKASESFLAAFLNLAMCYLK LREYTKAVECCDKALGLDSANEKGLYRRGEAQLLMNEFESAKGDFEKVLEVNPQNKAARLQISM 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

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FKBP5 is approximately 0.03ng/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

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