

Product datasheet for **AM09071PU-N**

FKBP52 (FKBP4) Mouse Monoclonal Antibody [Clone ID: AT4D3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AT4D3
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western blot (1/1,000-1/2,000). Cell lysates of HeLa (40 µg) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human FkBP4 (1/1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Immunohistochemistry on Paraffin Embedded Tissue (1/50-1/100). Paraffin embedded sections of Seminoma (Germ cell tumor) tissue were incubated with anti-Human FKBP4 (1/50) for 2 hours at RT. Antigen retrieval was performed in 0.1M sodium citrate buffer and detected using Diaminobenzidine (DAB).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant Human FKBP4 (1-459 aa) purified from E. coli
Specificity:	The antibody recognizes Human FKBP4. Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	FK506 binding protein 4



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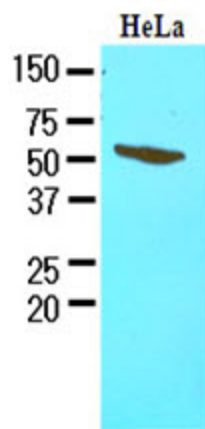
Database Link: [Entrez Gene 2288 Human Q02790](#)

Background: FKBP4, also known as FKBP52, 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 component of unactivated mammalian steroid receptor complexes and may play a role in the intracellular trafficking of hetero-oligomeric forms of the steroid hormone receptors. It interacts with interferon regulatory factor-4 and plays an important role in immunoregulatory gene expression in B and T lymphocytes.

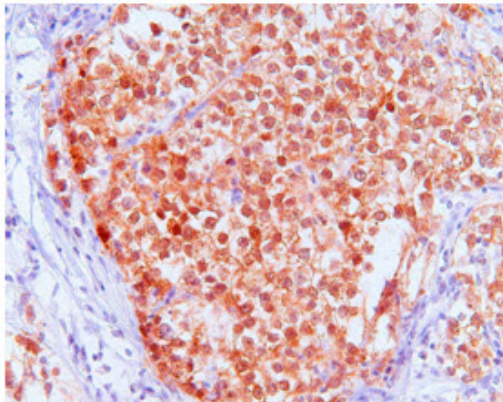
Synonyms: FK506-binding protein 4, FKBP52 protein, FKBP59, p59 protein

Protein Families: Druggable Genome

Product images:



Western blot analysis: Cell lysates of HeLa (40 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human FKBP4 (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Seminoma (Germ cell tumor)

Immunohistochemistry: Paraffin embedded sections of Seminoma (Germ cell tumor) tissue were incubated with anti-human FKBP4 (1:50) for 2 hours at room temperature. Antigen retrieval was performed in 0.1M sodium citrate buffer and Diaminobenzidine (DAB) was used for detection.