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[Primary Antibody]

Mouse Anti-FKBP52 antibody

Catalog Number: SLM-60338M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1/Kappa
Clonality:	Monoclonal
Clone No.:	H11E3
Target:	FKBP52
Purification:	Affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-1000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human
Subcellular Location:	The nucleus The cell membrane
Background:	An immunophilin with PPIase and co-chaperone activities. Steroid receptors interact with heat shock protein 90 (HSP90) to form heterogeneous complexes. The hetero-oligomeric form of steroid hormone receptors may play a role in intracellular transport between the cytoplasm and the nucleus. Isomerase activity controls the growth cones of neurons by regulating the opening of TRPC1 channels. It also acts as a regulator of microtubule dynamics through its ability to promote microtubule assembly by inhibiting MAPT/TAU. It may have a protective effect against oxidative stress in mitochondria.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.