

Recombinant FKBP52 Monoclonal Antibody

catalog number: **E-AB-81469**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

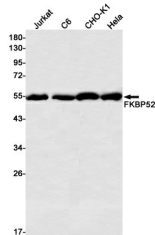
Description

| | |
|---------------------|---|
| Reactivity | Human;Mouse;Rat;Hamster |
| Immunogen | A synthetic peptide of human FKBP52 |
| Host | Rabbit |
| Isotype | IgG |
| Clone | R03-4A3 |
| Purification | Affinity Purified |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein. |

Applications

| Applications | Recommended Dilution |
|--------------|----------------------|
| WB | 1:1000-1:5000 |
| IF | 1:20-1:50 |

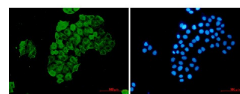
Data



Western blot detection of FKBP52 in Jurkat,C6,CHO-K1,HeLa cell lysates using FKBP52 Rabbit mAb(1:500 diluted).Predicted band size:52kDa.Observed band size:52kDa.

Observed-MW:52 kDa

Calculated-MW:52 kDa



Immunofluorescence of FKBP52 (green) in hela using FKBP52 Rabbit mAb at dilution 1:50, and DAPI(blue)

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

Background

FKBP52 (FK506 binding protein 4) is a member of the immunophilin protein family that comprises intracellular protein effectors of immunosuppressive drugs,and it is known as a steroid receptor-associated protein. As a novel regulator of microtubule dynamics,FKBP52 is associated with the motor protein dynein and with the cytoskeleton during mitosis. FKBP52 is highly expressed in CNS regions susceptible to Alzheimer's,and plays a role in modulating toxicity of Abeta peptides. The protein can associate with the Tau function,and may help to decipher and modulate the events involved in Tau-induced neurodegeneration. In addition,FKBP52 is likely to play a role in growth and development of the male genitalia.

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