

## Recombinant FKBP52 Monoclonal Antibody

catalog number: E-AB-81469

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

### Description

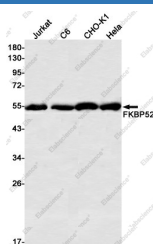
|                     |                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Mouse;Rat;Hamster                                                                             |
| <b>Immunogen</b>    | A synthetic peptide of human FKBP52                                                                 |
| <b>Host</b>         | Rabbit                                                                                              |
| <b>Isotype</b>      | Rabbit IgG                                                                                          |
| <b>Clone</b>        | C173255                                                                                             |
| <b>Purification</b> | Affinity Purified                                                                                   |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein. |

### Applications

### Recommended Dilution

|           |               |
|-----------|---------------|
| <b>WB</b> | 1:1000-1:5000 |
| <b>IF</b> | 1:20-1:50     |

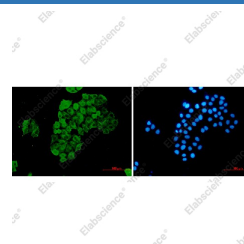
### Data



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

|                 |                                                                                                        |
|-----------------|--------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                        |
| <b>Shipping</b> | 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.

### For Research Use Only

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