



# FKB10 mouse mAb

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-11938                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Name</b>                   | FKBP10 FKBP65 PSEC0056                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>                   | Synthesized peptide derived from human FKB10 AA range: 339-389                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Specificity</b>                 | This antibody detects endogenous levels of FKB10 at Human/Mouse                                                                                                                                                                                                                                                                                                                                                                |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>                      | Monoclonal, mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purification</b>                | The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                                                       |
| <b>Dilution</b>                    | WB 1 :500-2000                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>                    | FKBP10;FKBP65;FKBP 65;FKBP 10;FK506-binding protein 10;FKB10;FKBP10 FKBP65 PSEC0056                                                                                                                                                                                                                                                                                                                                            |
| <b>Observed Band</b>               | 64kD                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Calculated Molecular Weight</b> | 64kD                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cell Pathway</b>                | Endoplasmic reticulum lumen .                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Tissue Specificity</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Function</b>                    | catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0)., enzyme regulation:Inhibited by both FK506 and rapamycin, but not by cyclosporin A.,function:PPLases accelerate the folding of proteins during protein synthesis.,PTM:Glycosylated and phosphorylated.,similarity:Belongs to the FKBP-type PPLase family.,similarity:Contains 2 EF-hand domains., similarity:Contains 4 PPLase FKBP-type domains., |
| <b>Background</b>                  | The protein encoded by this gene belongs to the FKBP-type peptidyl-prolyl cis/trans isomerase (PPLase) family. This protein localizes to the endoplasmic reticulum and acts as a molecular chaperone. Alternatively spliced variants encoding different isoforms have been reported, but their biological validity has not been determined.[provided by RefSeq, Nov 2009],                                                     |

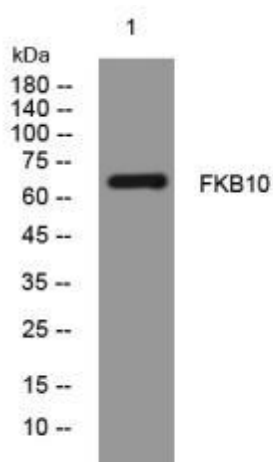
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night