



Mouse anti-Mouse FKBP65 monoclonal antibody, clone 36/GLCQ76 (CABT-B9209)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Mouse FKBP65 aa. 434-576
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat, Human, Mouse
Clone	36/GLCQ76
Purification	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Conjugate	Unconjugated
Applications	WB; IP; IF; IHC
Format	Liquid
Concentration	250 µg/ml
Size	50 µg
Buffer	Aqueous buffered solution containing BSA, glycerol, and ≤0.09% sodium azide.
Storage	Store undiluted at -20°C.

BACKGROUND

Introduction	FK506, one of multiple potent compounds that block T cell proliferation, is used for
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immunosuppressive therapy. Several FK506-binding proteins (FKBPs) have been identified in the search for intracellular targets for FK506. These include FKBP12, FKBP13, FKBP51, and FKBP52. The immunosuppressive effects of FK506 and FKBPs result from the inhibition of the calcineurin phosphatase, a well known component of the signaling cascade leading to IL-2 production. FKBP65 is another member of the FKBP protein family and contains the characteristic peptidylprolyl cis-trans-isomerase activity. FKBP65 has been reported to be expressed in the lung, testis, brain, heart, and spleen. Although it has a predicted molecular weight of 65 kDa, FKBP65 has been observed to migrate ranging from 68-72 kDa in SDS electrophoresis gels, perhaps, due to glycosylation and/or phosphorylation.

Keywords	FKBP10; FK506 binding protein 10, 65 kDa; OI6; OI11; FKBP65; PPIASE; hFKBP65; peptidyl-prolyl cis-trans isomerase FKBP10; FKBP-10; FKBP-65; rotamase; 65 kDa FKBP; PPIase FKBP10; immunophilin FKBP65; FK506-binding protein 10; 65 kDa FK506-binding protein;
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GENE INFORMATION

Entrez Gene ID [60681](#)

UniProt ID [A0A024R1W3](#)