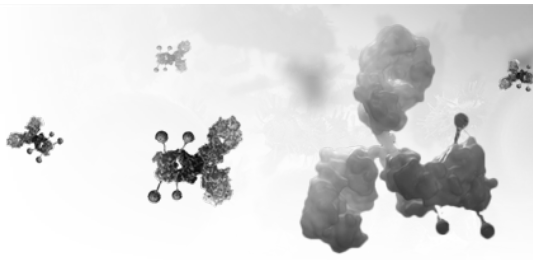

Mouse anti-Mouse FKBP51 monoclonal antibody, clone 29/GLCQ62 (CABT-B9208)

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

PRODUCT INFORMATION

Immunogen	Mouse FKBP51 aa. 4-199
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Mouse, Rat, Chicken
Clone	29/GLCQ62
Purification	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Conjugate	Unconjugated
Applications	WB; IF; IHC; IP
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 several potent compounds that block T cell proliferation, is used in

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	immunosuppressive therapy. Several FK506-binding proteins (FKBPs) have been identified in the search for intracellular targets of FK506. These proteins include FKBP12, FKBP12.6, 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. Calcineurin and FKBP's are widely distributed, therefore, it is difficult to achieve immunosuppressive specificity by FK506. FKBP51 (51kDa) is an FK506-binding protein that is expressed exclusively in T cells and has homology to FKBP52. Because of its limited distribution, FKBP51 may provide a more selective target for FK506 in T cells.
Keywords	FKBP5; FK506 binding protein 5; P54; AIG6; FKBP51; FKBP54; PPIase; Ptg-10; peptidyl-prolyl cis-trans isomerase FKBP5; FKBP-51; rotamase; 51 kDa FKBP; FF1 antigen; PPIase FKBP5; HSP90-binding immunophilin; 51 kDa FK506-binding protein; T-cell FK506-binding protein; androgen-regulated protein 6; peptidylprolyl cis-trans isomerase; 54 kDa progesterone receptor-associated immunophilin;

GENE INFORMATION

Entrez Gene ID	2289
UniProt ID	Q13451

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