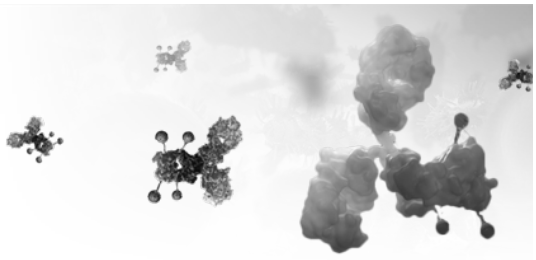

Mouse anti-Human FKBP1B monoclonal antibody, clone 5I62C7 (CABT-B10274)

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

PRODUCT INFORMATION

Immunogen	FKBP1B (AAH02614, 1 a.a. ~ 81 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	5I62C7
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MGVEIETISPGDGRTFPKKGQTCVVHYTGMLQNGKKFDSSRDRNKPFKFRIGKQEVIKGF EEGAAQLGPLSPLPICPHPC*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	This encoded protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It is highly similar to the FK506-binding protein 1A. Its physiological role is thought to be in excitation-contraction coupling in cardiac muscle. There are two alternatively spliced transcript variants of this gene encoding different isoforms. [provided by RefSeq, Jul 2008]
Keywords	FKBP1B; FK506 binding protein 1B, 12.6 kDa; OTK4; FKBP1L; PKBP1L; PPIase; FKBP12.6; peptidyl-prolyl cis-trans isomerase FKBP1B; FKBP-1B; rotamase; FKBP-12.6; h-FKBP-12; calstabin 2; 12.6 kDa FKBP; PPIase FKBP1B; immunophilin FKBP12.6; FK506-binding protein 1B; FK506-binding protein 12.6; 12.6 kDa FK506-binding protein;

GENE INFORMATION

Entrez Gene ID	2281
UniProt ID	P68106
Function	FK506 binding; isomerase activity; peptidyl-prolyl cis-trans isomerase activity; protein binding; receptor binding; contributes_to ryanodine-sensitive calcium-release channel activity

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221