



Mouse anti-Human DNAJC2 monoclonal antibody, clone 4G3 (CABT-B10119)

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

PRODUCT INFORMATION

Immunogen	ZRF1 (XP_168590, 408 a.a. ~ 509 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4G3
Conjugate	Unconjugated
Applications	WB, sELISA, ELISA
Sequence Similarities	LDPHQKDDINKKAFDKFKKEHGVVVPQADNATPSERFEGPYTDFTPWTTEEQKLLEQALKT YPVNTPERWEKIAEAVPGRTKKDCMKRYKELVEMVKAKKAA*
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	This gene is a member of the M-phase phosphoprotein (MPP) family. The gene encodes a phosphoprotein with a J domain and a Myb DNA-binding domain which localizes to both the
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nucleus and the cytosol. The protein is capable of forming a heterodimeric complex that associates with ribosomes, acting as a molecular chaperone for nascent polypeptide chains as they exit the ribosome. This protein was identified as a leukemia-associated antigen and expression of the gene is upregulated in leukemic blasts. Also, chromosomal aberrations involving this gene are associated with primary head and neck squamous cell tumors. This gene has a pseudogene on chromosome 6. Alternatively spliced variants which encode different protein isoforms have been described. [provided by RefSeq, Jul 2008]

Keywords	DNAJC2; DnaJ (Hsp40) homolog, subfamily C, member 2; ZRF1; ZUO1; MPP11; MPHOSPH11; dnaJ homolog subfamily C member 2; zootin related factor 1; zootin-related factor 1; M-phase phosphoprotein 11;
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GENE INFORMATION

Entrez Gene ID	27000
UniProt ID	Q99543
Function	DNA binding; Hsp70 protein binding; chromatin binding; histone binding; ubiquitin binding
