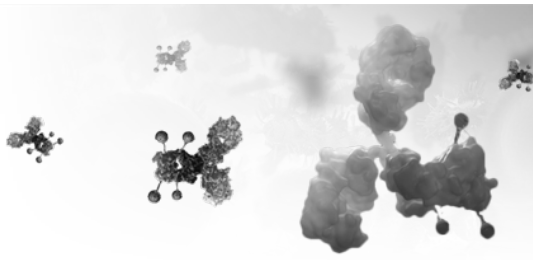

Mouse anti-Human DNAJB9 monoclonal antibody, clone 4H5 (CABT-B10117)

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

PRODUCT INFORMATION

Immunogen	DNAJB9 (NP_036460, 114 a.a. ~ 224 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	4H5
Conjugate	Unconjugated
Applications	IF,sELISA,ELISA
Sequence Similarities	NFDDLFKDFGFFGQNQNTGSKKRFENHFQTRQDGGSSRQRHHFQEFSFGGGLFDDMFEDM EKMFSFSGFDSTNQHTVQTENRFHGSSKHCRTVTQRRGNMVTTYTDCSGQ*
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 J protein family. J proteins function in many cellular processes by regulating the ATPase activity of 70 kDa heat shock proteins. This gene is a member of the

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	type 2 subgroup of DnaJ proteins. The encoded protein is localized to the endoplasmic reticulum. This protein is induced by endoplasmic reticulum stress and plays a role in protecting stressed cells from apoptosis. [provided by RefSeq, Dec 2010]
Keywords	DNAJB9; DnaJ (Hsp40) homolog, subfamily B, member 9; MDG1; ERdj4; MDG-1; MST049; MSTP049; dnaJ homolog subfamily B member 9; ER-resident protein ERdj4; endoplasmic reticulum DnaJ homolog 4; endoplasmic reticulum DNA J domain-containing protein 4; microvascular endothelial differentiation gene 1 protein;

GENE INFORMATION

Entrez Gene ID	4189
UniProt ID	Q9UBS3
Pathway	Activation of Chaperones by IRE1alpha, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Unfolded Protein Response, organism-specific biosystem
Function	heat shock protein binding; misfolded protein binding; protein binding; unfolded protein binding

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