

DNAJB5 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant DNAJB5.

Catalog # AT1792a

Product Information

Application	WB, E
Primary Accession	O75953
Other Accession	BC012115
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1C3
Calculated MW	39133

Additional Information

Gene ID	25822
Other Names	DnaJ homolog subfamily B member 5, Heat shock protein Hsp40-2, Heat shock protein Hsp40-3, Heat shock protein cognate 40, Hsc40, DNAJB5, HSC40
Target/Specificity	DNAJB5 (AAH12115, 1 a.a. ~ 386 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	DNAJB5 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

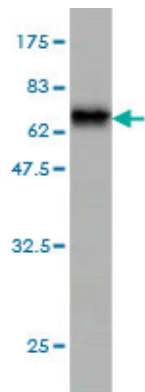
DNAJB5 belongs to the evolutionarily conserved DNAJ/HSP40 protein family. For background information on the DNAJ family, see MIM 608375.

References

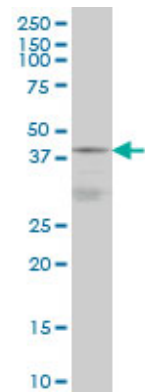
Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. Mammalian HSP40/DNAJ homologs: cloning of novel cDNAs and a proposal for their classification and nomenclature.

Ohtsuka K, et al. Cell Stress Chaperones, 2000 Apr. PMID 11147971.Hsc40, a new member of the hsp40 family, exhibits similar expression profile to that of hsc70 in mammalian cells. Chen MS, et al. Gene, 1999 Oct 1. PMID 10570961.Initial assessment of human gene diversity and expression patterns based upon 83 million nucleotides of cDNA sequence. Adams MD, et al. Nature, 1995 Sep 28. PMID 7566098.

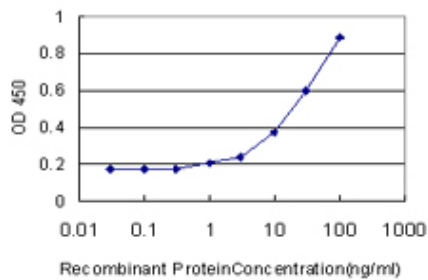
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (67.98 KDa) .



DNAJB5 monoclonal antibody (M01), clone 1C3 Western Blot analysis of DNAJB5 expression in Jurkat ((Cat # AT1792a)



Detection limit for recombinant GST tagged DNAJB5 is approximately 1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.