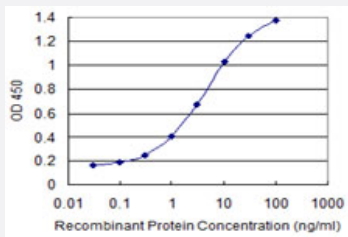


ZRF1 monoclonal antibody (M09), clone 3F2

Catalog # H00027000-M09

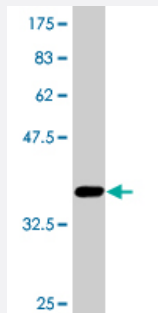
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DNAJC2 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.85 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ZRF1.

Immunogen

ZRF1 (XP_168590.4, 408 a.a. ~ 508 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

LDPHQKDDINKKAFDKFKKEHGVVPQADNATPSEFEGPYTDFTPWTTEEQLLEQALKTYPVN
TPERWEKIAEAVPGRTKKDCMKRYKELVEMVKAKKAA

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (95); Rat (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.85 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DNAJC2 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DNAJC2

Entrez GeneID	27000
GeneBank Accession#	XM_168590
Protein Accession#	XP_168590.4
Gene Name	DNAJC2
Gene Alias	MPHOSPH11, MPP11, ZRF1, ZUO1
Gene Description	DnaJ (Hsp40) homolog, subfamily C, member 2
Omim ID	605502
Gene Ontology	Hyperlink

Gene Summary

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 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]

Other Designations

M-phase phosphoprotein 11|zuotin related factor 1