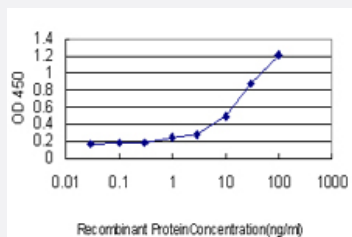


ILF2 monoclonal antibody (M01), clone 1E2

Catalog # H00003608-M01

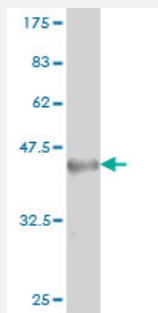
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ILF2 is approximately 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ILF2.
Immunogen	ILF2 (NP_004506, 151 a.a. ~ 250 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PSEVLTMLTNETGFEISSSDATVKILITVPPNLRKLDPELHLDIKVLQSALAAIRHARWFEENASQS TVKVLIRLLKDLRIRFPGFEPLTPWILDLLGH
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (100)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 ILF2 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ILF2

Entrez GeneID	3608
GeneBank Accession#	NM_004515
Protein Accession#	NP_004506
Gene Name	ILF2
Gene Alias	MGC8391, NF45, PRO3063
Gene Description	interleukin enhancer binding factor 2, 45kDa
Omim ID	603181
Gene Ontology	Hyperlink

Gene Summary

Nuclear factor of activated T-cells (NFAT) is a transcription factor required for T-cell expression of the interleukin 2 gene. NFAT binds to a sequence in the interleukin 2 gene enhancer known as the antigen receptor response element 2. In addition, NFAT can bind RNA and is an essential component for encapsidation and protein priming of hepatitis B viral polymerase. NFAT is a heterodimer of 45 kDa and 90 kDa proteins, the smaller of which is the product of this gene. The encoded protein binds strongly to the 90 kDa protein and stimulates its ability to enhance gene expression. [provided by RefSeq]

Other Designations

interleukin enhancer binding factor 2|nuclear factor of activated T-cells, 45-kDa

Publication Reference

- [Dynamic interplay between O-GlcNAcylation and GSK-3-dependent phosphorylation.](#)

Wang Z, Pandey A, Hart GW.

Molecular & Cellular Proteomics 2007 May; 6(8):1365.

Application: IP-WB, Human, COS7 cells