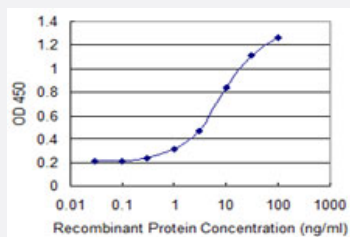


LITAF monoclonal antibody (M01), clone 2E12

Catalog # H00009516-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LITAF is 0.1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant LITAF.
Immunogen	LITAF (NP_004853.2, 1 a.a. ~ 161 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSVPGPYQAATGPSSAPSAPPSYEETVAVNSYYPTTPAPMPGPTTGLVTGPDGKGMNPPSYTQ PAPIPNNNPITVQTVYVQHPITFLDRPIQMCCPSCNKMVSQLSYNAGALTWLSCGSLCLLGCIAGC CFIPFCVDALQDVDHYCPNCRALLGTYKRL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (86)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LITAF is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — LITAF

Entrez GeneID	9516
GeneBank Accession#	NM_004862.2
Protein Accession#	NP_004853.2
Gene Name	LITAF
Gene Alias	FLJ38636, MGC116698, MGC116700, MGC116701, MGC125274, MGC125275, MGC125276, PIG7, SIMPLE, TP53I7
Gene Description	lipopolysaccharide-induced TNF factor
Omim ID	601098 603795
Gene Ontology	Hyperlink
Gene Summary	Lipopolysaccharide is a potent stimulator of monocytes and macrophages, causing secretion of tumor necrosis factor-alpha (TNF-alpha) and other inflammatory mediators. This gene encodes lipopolysaccharide-induced TNF-alpha factor, which is a DNA-binding protein and can mediate the TNF-alpha expression by direct binding to the promoter region of the TNF-alpha gene. The transcription of this gene is induced by tumor suppressor p53 and has been implicated in the p53-induced apoptotic pathway. Mutations in this gene cause Charcot-Marie-Tooth disease type 1C (CMT1C) and may be involved in the carcinogenesis of extramammary Paget's disease (EMPD). Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]
Other Designations	LPS-induced TNF-alpha factor lipopolysaccharide-induced TNF-alpha factor lipopolysaccharide-induced tumor necrosis factor-alpha factor p53-induced gene 7 protein small integral membrane protein of lysosome/late endosome tumor protein p53 inducible protein

Disease

- [Arrhythmias](#)

- [Charcot-Marie-Tooth Disease](#)
- [Death](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Multiple Sclerosis](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)