

ARG56987 anti-LITAF antibody [5C10]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [5C10] recognizes LITAF
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	5C10
Isotype	IgG2b, kappa
Target Name	LITAF
Species	Human
Immunogen	Recombinant fragment around aa. 1-161 of Human LITAF.
Conjugation	Un-conjugated
Alternate Names	SIMPLE; TP5317; Small integral membrane protein of lysosome/late endosome; Lipopolysaccharide-induced tumor necrosis factor-alpha factor; PIG7; LPS-induced TNF-alpha factor; p53-induced gene 7 protein

Application Instructions

Application table	Application	Dilution
	WB	1:2000 - 1:3000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

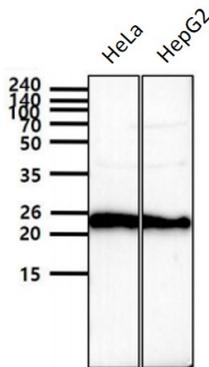
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 9516 Human Swiss-port # Q99732 Human
Gene Symbol	LITAF
Gene Full Name	lipopolysaccharide-induced TNF factor
Background	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, Dec 2014]
Function	Probable role in regulating transcription of specific genes. May regulate through NFKB1 the expression of the CCL2/MCP-1 chemokine. May play a role in tumor necrosis factor alpha (TNF-alpha) gene expression. [UniProt]
Calculated Mw	17 kDa
PTM	Phosphorylated on tyrosine residues in response to EGF.

Images



ARG56987 anti-LITAF antibody [5C10] WB image

Western blot: 40 µg of HeLa and HepG2 cell lysates stained with ARG56987 anti-LITAF antibody [5C10] at 1:1000 dilution.