

## 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; TP53I7; 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.	

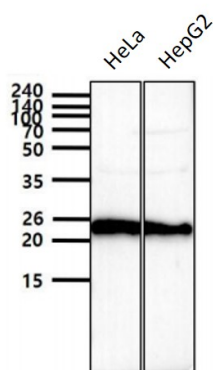
### Properties

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	<a href="#">GeneID: 9516 Human</a> <a href="#">Swiss-port # Q99732 Human</a>
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.