

ARG56967 anti-Tollip antibody [k1B17]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [k1B17] recognizes Tollip
Tested Reactivity	Hu
Tested Application	ICC/IF, WB
Host	Mouse
Clonality	Monoclonal
Clone	k1B17
Isotype	IgG2a, kappa
Target Name	Tollip
Species	Human
Immunogen	Recombinant fragment around aa. 61-274 of Human Tollip.
Conjugation	Un-conjugated
Alternate Names	Toll-interacting protein; IL-1RAcPIP

Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay-dependent
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

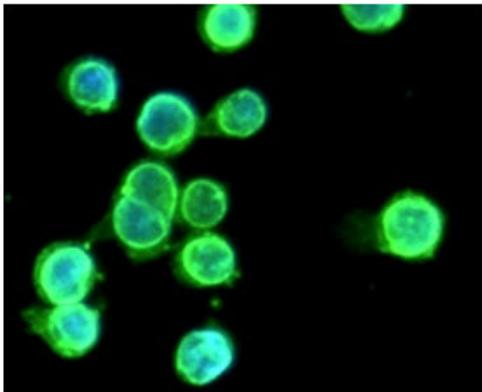
Properties

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: 54472 Human Swiss-port # Q9H0E2 Human
Gene Symbol	TOLLIP
Gene Full Name	toll interacting protein
Background	This gene encodes a ubiquitin-binding protein that interacts with several Toll-like receptor (TLR) signaling cascade components. The encoded protein regulates inflammatory signaling and is involved in interleukin-1 receptor trafficking and in the turnover of IL1R-associated kinase. [provided by RefSeq, Aug 2011]
Function	Component of the signaling pathway of IL-1 and Toll-like receptors. Inhibits cell activation by microbial products. Recruits IRAK1 to the IL-1 receptor complex. Inhibits IRAK1 phosphorylation and kinase activity. Connects the ubiquitin pathway to autophagy by functioning as a ubiquitin-ATG8 family adapter and thus mediating autophagic clearance of ubiquitin conjugates. The TOLLIP-dependent selective autophagy pathway plays an important role in clearance of cytotoxic polyQ proteins aggregates. [UniProt]
Calculated Mw	30 kDa
PTM	Phosphorylated by IRAK1 upon stimulation by IL-1 or microbial products.

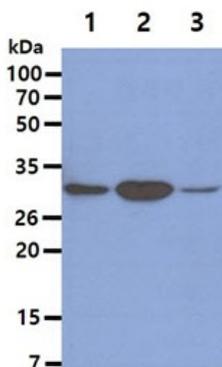
Images



ARG56967 anti-Tollip antibody [k1B17] ICC/IF image

Immunofluorescence: THP-1 cell line stained with ARG56967 anti-Tollip antibody [k1B17] at 1:100 (Green).

DAPI (Blue) for nucleus staining.



ARG56967 anti-Tollip antibody [k1B17] WB image

Western blot: 40 µg of 1) Jurkat cell lysate, 2) HepG2 cell lysate, 3) HeLa cell lysate stained with ARG56967 anti-Tollip antibody [k1B17] at 1:1000.