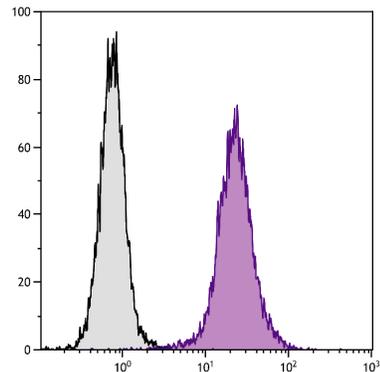




## Mouse Anti-Human Tollip

Cat. No.	Format	Size
12060-01	Purified (UNLB)	0.1 mg



Human T cell leukemia cell line Jurkat was intracellularly stained with Mouse Anti-Human Tollip-UNLB (SB Cat. No. 12060-01) followed by Goat Anti-Mouse IgG<sub>2a</sub>, Human ads-PE (SB Cat. No. 1080-09).

### Overview

<b>Clone</b>	SB40a
<b>Isotype</b>	Mouse (BALB/c) IgG <sub>2a</sub> κ
<b>Immunogen</b>	Recombinant full length Tollip
<b>Specificity</b>	Human Tollip
<b>Alternate Name(s)</b>	Toll interacting protein, IL-1RAcPIP

### Description

Tollip, also known as Toll interacting protein, is a 30 kDa ubiquitin-binding protein that is a component of the signaling pathway of IL-1 and Toll-like receptors. It performs multiple functions and is classified as an adaptor protein. Tollip interacts with IRAK-1 (IL-1 receptor-associated kinase 1) prior to IL-1β stimulation and suppresses the kinase activity of IRAK-1. Tollip also associates with Tom1 forming a complex which regulates endosomal trafficking of ubiquitinated proteins.

### Applications

FC – Quality tested <sup>1</sup>  
 WB <sup>2</sup>  
 ELISA <sup>2</sup>

### Working Dilutions

<b>Flow Cytometry</b>	Purified (UNLB) antibody	≤ 1 μg/10 <sup>6</sup> cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL	
<b>Other Applications</b>	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

**For Research Use Only. Not for Diagnostic or Therapeutic Use.**

## Handling and Storage

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- The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 0.2 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- Reagent is stable for the period shown on the label if stored as directed.

## References

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1. Blok DC, Kager LM, Hoogendijk AJ, Lede IO, Rahman W, Afroz R, et al. Expression of inhibitory regulators of innate immunity in patients with active tuberculosis. *BMC Infect Dis.* 2015;15:98. (FC)
2. SouthernBiotech unpublished data (WB, ELISA)