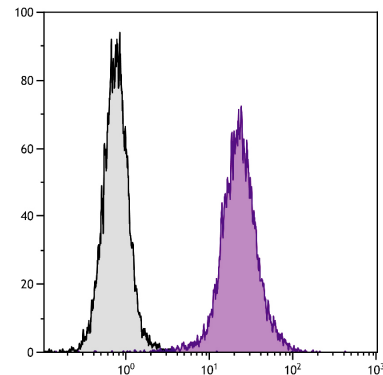


Mouse Anti-Human Tollip

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_{2a}, Human ads-PE (SB Cat. No. 1080-09).

Overview

Clone	SB40a
Isotype	Mouse (BALB/c) IgG _{2a} κ
Immunogen	Recombinant full length Tollip
Specificity	Human Tollip
Alternate Name(s)	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 ¹
WB ²
ELISA ²

Working Dilutions

Flow Cytometry	Purified (UNLB) antibody	≤ 1 µg/10 ⁶ cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
Other Applications	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

- 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

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 SouthernBiotech unpublished data (WB, ELISA)