

## Anti-Toll-interacting protein Tollip Antibody Picoband® Fluoro647 Conjugated

Catalog Number: PA2005-Fluoro647

### About TOLLIP

TOLLIP (TOLL-Interacting Protein), is an inhibitory adaptor protein that in humans is encoded by the TOLLIP gene. Lo et al. (2009) stated that the TOLLIP gene maps to chromosome 11. The mouse gene maps to chromosome 7. By Western blot analysis of embryonic kidney cells, Burns et al. (2000) confirmed the binding of TOLLIP to IL1RAP, to a complex of IL1RAP-IL1R1, and to IL18R. Burns et al. (2000) proposed that IL1B stimulation induces aggregation of IL1Rs, recruitment of MYD88 followed by TOLLIP-IRAK complexes, and the phosphorylation of IRAK by MYD88. This leads to the dissociation of TOLLIP from IRAK, which can then transmit the IL1-induced signals.

### Overview

Product Name	Anti-Toll-interacting protein Tollip Antibody Picoband® Fluoro647 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q9H0E2

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Tollip.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

## 1 Publications Citing This Product

1. PubMed ID: 25269519, Liu Mw, Wang Yh, Qian Cy, Li H. Int J Mol Med. 2014 Dec;34(6):1492-504. Doi: 10.3892/Ijmm.2014.1943. Epub 2014 Sep 23. Xuebijing Exerts Protective Effects On Lung Permeability Leakage And Lung Injury By Upregulating Toll-Interacting Protein Expres...

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