

## Anti-IL17/IL17A Antibody Picoband® PE Conjugated

Catalog Number: RP1019-PE

### About IL17a

Interleukin-17A is a protein that in humans is encoded by the IL17A gene. The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.

### Overview

Product Name	Anti-IL17/IL17A Antibody Picoband® PE Conjugated
Reactive Species	Mouse
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% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q62386

### Technical Details

Immunogen	E. coli-derived mouse IL-17 recombinant protein (Position: A26-A158).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

## 2 Publications Citing This Product

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1. PubMed ID: 25664038, Li Xn, Pan X, Qiu D. Int J Clin Exp Med. 2014 Dec 15;7(12):5324-9. Ecollection 2014. Imbalances Of Th17 And Treg Cells And Their Respective Cytokines In Copd Patients By Disease Stage.

2. PubMed ID: 24789110, Ma X, Wang L, Zhao H, Pang N, Zhang F, Jiang T, Liu X, Mamuti W, Wen H, Ding J. Mol Med Rep. 2014 Jul;10(1):236-40. Doi: 10.3892/Mmr.2014.2170. Epub 2014 Apr 24. Th17??cells Are Associated With The Th1/Th2?

Visit [bosterbio.com/anti-mouse-il-17-antibody-rp1019-boster.html](http://bosterbio.com/anti-mouse-il-17-antibody-rp1019-boster.html) to see all 2 publications.

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Anti-IL17/IL17A Antibody - PE

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