

## Anti-IL17/IL17A Antibody Picoband® Fluoro488 Conjugated

Catalog Number: RP1019-Fluoro488

### 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® Fluoro488 Conjugated
Reactive Species	Mouse
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, WB). Customers may select suitable applications according to their experimental needs.
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> .
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	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	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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