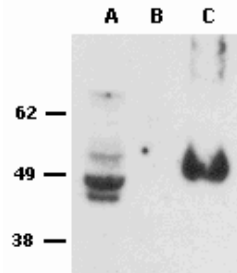


## Product Information

Contents: Affinity Purified anti-human Foxp3  
Catalog Number: 14-4776  
Sizes: 25 ug, 100 ug  
Formulation: Phosphate buffer pH 7.2,  
150 mM NaCl, 0.09% NaN<sub>3</sub>  
Storage Conditions: Store at 4°C.  
Avoid repeated freeze/thaw cycles.  
Clone: PCH101  
Isotype: Rat IgG2a, κ



*Immunoblotting of PBMC cell lysates from 10<sup>6</sup> cells (Lane A), BALB/c splenocyte cell lysates from 10<sup>6</sup> cells (Lane B), or recombinant human FoxP3 fusion protein (Lane C); probed with 2 µg/mL of purified anti-human Foxp3 (PCH101). Bands are revealed with HRP anti-rat IgG. Cell lysates were prepared by direct sonication in sample loading buffer.*

Available Formats of This Product				
Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-4776	FITC anti-human Foxp3	488	518	IC IHC(Paraffin)
12-4776	PE anti-human Foxp3	488	575	IC
13-4776	Biotin anti-human Foxp3	N/A	N/A	IC IH/F IHC(Paraffin) WB
14-4776	Affinity Purified anti-human Foxp3	N/A	N/A	IH/F IHC(Paraffin) WB
15-4776	Phycoerythrin-Cy5 (PE-Cy5) anti-human Foxp3	488	670	IC
17-4776	APC anti-human Foxp3	633	660	IC
51-4776	~2-3 weeks upon ordering - Alexa Fluor® 647 anti-human Foxp3			IC
52-4776	~2-3 weeks upon ordering - Alexa Fluor® 405 anti-human Foxp3			IC
53-4776	~2-3 weeks upon ordering - Alexa Fluor® 488 anti-human Foxp3			IC
56-4776	~2-3 weeks upon ordering - Alexa Fluor® 700 anti-human Foxp3			IC

## Description

eBioscience offers a panel of monoclonal antibodies to different epitopes of human Foxp3, providing useful tools for investigating the complete expression pattern of Foxp3 at the protein level, and discerning the precise subsets of Foxp3<sup>+</sup> cells. Please contact tech@ebioscience.com or 888.810.6168 for any additional assistance.

Please see the following link for FAQ regarding the usage of eBioscience Foxp3 reagents.

<http://www.ebioscience.com/ebioscience/Foxp3FAQs.htm>

The PCH101 antibody reacts with the amino terminus of human foxp3 protein also known as FORKHEAD BOX P3, SCURFIN, and JM2; cross reactivity of this antibody to other proteins has not been determined. Foxp3, a 49-55 kDa protein, is a member of the forkhead/winged-helix family of transcriptional regulators, and was identified as the gene defective in 'scurfy' (sf) mice. Constitutive high expression of Foxp3 mRNA has been shown in CD4+CD25+ regulatory T cells (Treg cells), and ectopic expression of foxp3 in CD4+CD25- cells imparts a Treg phenotype in these cells.

Intracellular staining of human peripheral blood mononuclear cells (PBMCs) with PCH101 antibody using the anti-human Foxp3 Staining Set and protocol reveals approximately 0.5-4% of lymphocytes staining, with the majority of staining occurring in the CD25<sup>bright</sup> population. This is subject to donor variability.

PCH101 crossreacts with rhesus and cynomolgus. We recommend the use of CD4 (OKT4, 11-0048) and CD25 (BC96, 17-0259).

## Usage

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For research use only, not for diagnostic or therapeutic use. This PCH101 antibody has been reported for use in immunoblotting (WB) and immunohistology on frozen and paraffin-embedded tissue sections. Use of the purified format is not recommended for intracellular staining for flow cytometric analysis. For additional information on IHC, please see the Foxp3 FAQs <http://www.ebioscience.com/ebioscience/Foxp3FAQs.htm>

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#### Applications Tested

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This PCH101 antibody has been tested by immunoblotting (WB) (1-5µg/ml) of normal human peripheral blood leukocytes.

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#### Related Products

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Cat. 14-4321 Affinity Purified Rat IgG2a Isotype Control  
Cat. 11-4776 FITC anti-human Foxp3 (clone PCH101)  
Cat. 13-4776 Biotin anti-human Foxp3 (clone PCH101)  
Cat. 53-4776 Alexa Fluor® 488 anti-human Foxp3 (clone PCH101)  
Cat. 72-5776 PE anti-human Foxp3 Staining Set (preferentially stains CD4+CD25hi) (clone PCH101 Set)  
Cat. 14-7979 Affinity Purified anti-mouse/human Foxp3 (clone eBio7979)

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#### References

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