

# TSLP Receptor Monoclonal Antibody (eBio1A6 (1A6)), APC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG2a, lambda
Recommended Isotype Control	Mouse IgG2a kappa Isotype Control (eBM2a), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	eBio1A6 (1A6)
Conjugate	APC
Excitation/Emission Max	651/660 nm
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2573216

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.06 µg)/test	2 Publications

## Product Specific Information

**Description:** The eBio1A6 monoclonal antibody reacts with human thymic stromal-derived lymphopoietin receptor (TSLPR). TSLPR is an approximately 50 kDa protein with significant similarity to the common gamma-chain. TSLPR complexes with IL-7R alpha (CD127) to form the high affinity receptor that binds thymic stromal-derived lymphopoietin (TSLP). Human TSLPR is expressed by monocytes and CD11c+ dendritic cells, and TSLP binding induces the expression of the Th2 cell-attracting chemokines CCL17 and CCL22. Furthermore, the TSLPR-induced activation of dendritic cells indirectly results in the increased secretion of Th cytokines IL-4, -5 and -13, which may be necessary for the regulation of CD4+ T cell homeostasis. In mice, deficiency of TSLPR has no effect on lymphocyte numbers, whereas double deficiency of TSLPR and common gamma-chain results in fewer lymphocytes than seen in mice deficient in the common gamma-chain alone. The eBio1A6 monoclonal antibody is able to cross-block binding of another anti-human TSLPR monoclonal antibody, 1D8.

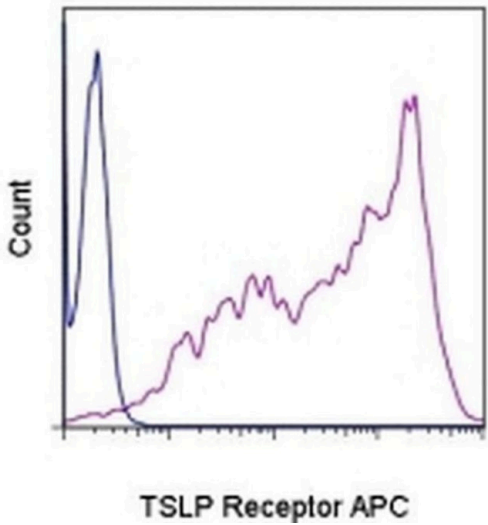
**Applications Reported:** This eBio1A6 (1A6) antibody has been reported for use in flow cytometric analysis.

**Applications Tested:** This eBio1A6 (1A6) antibody has been pre-titrated and tested by flow cytometric analysis of TSLPR transfected cells. This can be used at 5 µL (0.06 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> cells /test.

Excitation: 633-647 nm; Emission: 660 nm; Laser: Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For TSLP Receptor Monoclonal Antibody (eBio1A6 (1A6)), APC, eBioscience™



**TSLP Receptor Antibody (17-5499-42) in Flow**  
Staining of human TSLP Receptor-transfected cells with Mouse IgG2a K Isotype Control APC (Product # 17-4724-81) (blue histogram) or Anti-Human TSLP Receptor APC (purple histogram). Total viable cells were used for analysis.

2 References

Flow Cytometry (2)

<p>Cancer cell</p> <p><b>Activity of the Type II JAK2 Inhibitor CHZ868 in B Cell Acute Lymphoblastic Leukemia.</b></p> <p>"Published figure using TSLP Receptor monoclonal antibody (Product # 17-5499-42) in Flow Cytometry"</p> <p>Authors: Wu SC,Li LS,Kopp N,Montero J,Chapuy B,Yoda A,Christie AL,Liu H,Christodoulou A,van Bodegom D,van der Zwet J,Layer JV,Tivey T,Lane AA,Ryan JA,Ng SY,DeAngelo DJ,Stone RM,Steensma D,Wadleigh M,Harris M,Mandon E,Ebel N,Andraos R,Romanet V,Dölemeyer A,Sterker D,Zender M,Rodig SJ,Murakami M,Hofmann F,Kuo F,Eck MJ,Silverman LB,Sallan SE,Letai A,Baffert F,Vangrevelinghe E,Radimerski T,Gaul C,Weinstock DM</p>	<p>Year</p> <p>2015</p>
<p>Blood</p> <p><b>BET bromodomain inhibition targets both c-Myc and IL7R in high-risk acute lymphoblastic leukemia.</b></p> <p>"Published figure using TSLP Receptor monoclonal antibody (Product # 17-5499-42) in Flow Cytometry"</p> <p>Authors: Ott CJ,Kopp N,Bird L,Paranal RM,Qi J,Bowman T,Rodig SJ,Kung AL,Bradner JE,Weinstock DM</p>	<p>Year</p> <p>2012</p> <p>Species</p> <p>Human</p>

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