

TCR alpha/beta Monoclonal Antibody (IP26), APC, eBioscience™

Product Details

Size	100 Tests
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	IP26
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_10597896

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.5 µg)/test	16 Publications

Product Specific Information

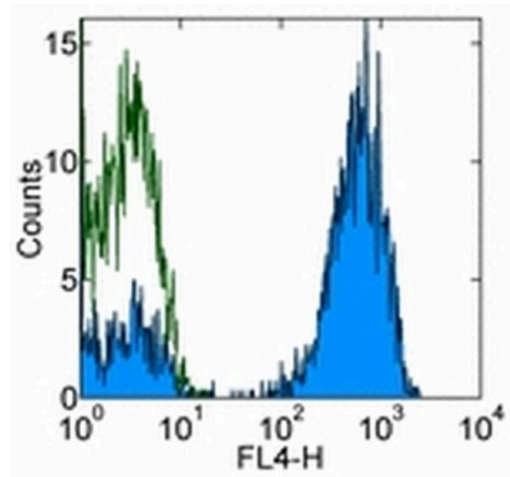
Description: The IP26 monoclonal antibody reacts with the alpha beta chain of human TCR. The alpha beta TCR is expressed by the majority of peripheral T cells.

Applications Reported: This IP26 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This IP26 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.5 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 10⁵ to 10⁸ cells /test.

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

Filtration: 0.2 µm post-manufacturing filtered.



TCR alpha/beta Antibody (17-9986-42) in Flow
Staining of normal human peripheral blood cells with Mouse IgG1 K Isotype Control APC (Product # 17-4714-81) (open histogram) or Anti-Human alpha beta TCR APC (filled histogram). Cells in the lymphocyte gate were used for analysis.

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16 References

Flow Cytometry (16)

Scientific reports	Year 2021
Multi-level remodelling of chromatin underlying activation of human T cells. "Published figure using TCR alpha/beta monoclonal antibody (Product # 17-9986-42) in Flow Cytometry" Authors: Bediaga NG,Coughlan HD,Johanson TM,Garnham AL,Naselli G,Schröder J,Fearnley LG,Bandala-Sanchez E, Allan RS,Smyth GK,Harrison LC	
Nature medicine	Year 2020
Viable bacterial colonization is highly limited in the human intestine in utero. "Published figure using TCR alpha/beta monoclonal antibody (Product # 17-9986-42) in Flow Cytometry" Authors: Rackaityte E,Halkias J,Fukui EM,Mendoza VF,Hayzelden C,Crawford ED,Fujimura KE,Burt TD,Lynch SV	

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