

CD217 (IL-17Ra) Monoclonal Antibody (J10MBS), PE, 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), PE, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	J10MBS
Conjugate	PE
Excitation/Emission Max	565/576 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_2043872

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.25 µg)/test	3 Publications

Product Specific Information

Description: The J10MBS monoclonal antibody reacts with human interleukin 17 receptor A (IL-17RA, IL-17R). IL-17RA is a type I membrane protein of approximately 96 kDa (866 amino acids) and is involved in inflammatory responses to IL-17A, IL-17F and IL-17AF heterodimer. It forms heterodimeric complexes with several other members of its receptor family, including IL-17RC for IL-17A and IL-17F signaling and IL-17RC for IL-17E (IL-25) signaling. IL-17RA is ubiquitously expressed, but in leukocytes its expression is elevated on granulocytes and monocytes.

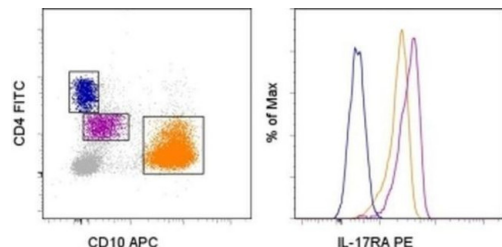
Applications Reported: This J10MBS antibody has been reported for use in flow cytometric analysis.

Applications Tested: This J10MBS antibody has been pre-titrated and tested by flow cytometric analysis of human lysed whole blood. This can be used at 5 µL (0.25 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: 488-561 nm; **Emission:** 578 nm; **Laser:** Blue Laser, Green Laser, Yellow-Green Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD217 (IL-17Ra) Monoclonal Antibody (J10MBS), PE, eBioscience™



CD217 (IL-17Ra) Antibody (12-7517-42) in Flow

Human peripheral blood was lysed with 1X RBC Lysis Buffer (00-4333) and stained with Anti-Human CD4 FITC (Product # 11-0049-42), Anti-Human CD10 APC (Product # 17-0106-42) and Anti-Human IL-17 Receptor PE. CD4 (hi) T cells (blue), CD4 (intermediate) monocytes (purple), and CD10+ granulocytes (orange) were gated (left) and analyzed for IL-17 Receptor staining (right).

3 References

Flow Cytometry (3)

The Journal of international medical research

Involvement of natural killer cells in the pathogenesis of endometriosis in patients with pelvic pain.

"12-7517 was used in Flow cytometry/Cell sorting to investigate the involvement of immune cells in the pathogenesis of endometriosis progression by analyzing blood samples from patients with stable disease and those with pelvic pain."

Authors: He J,Xu Y,Yi M,Gu C,Zhu Y,Hu G

Year

2020

Species

Human

Biochemical and biophysical research communications

IL-17A increases ADP-induced platelet aggregation.

"12-7517 was used in Flow cytometry/Cell sorting to test whether IL-17A exerts pro-aggregant effects on both human and mouse platelets."

Authors: Maione F, Cicala C, Liverani E, Mascolo N, Perretti M, D'Acquisto F

Year

2011

Species

Human

Mouse

Dilution

1:200

1:200

View more Flow references on thermofisher.cn

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