

CD183 (CXCR3) Monoclonal Antibody (CEW33D), APC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
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	CEW33D
Conjugate	APC
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_2802221

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.25 µg)/test	1 Publication

Product Specific Information

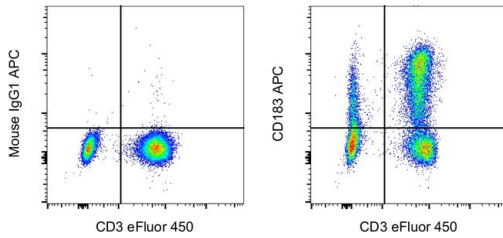
Description: The CEW33D monoclonal antibody reacts with human CD183. CD183, also known as CXCR3, is a G protein-coupled chemokine receptor that interacts with ligands CXCL9 (MIG), CXCL10 (IP-10), and CXCL11 (I-TAC). Strongly associated with type 1 immunity, CD183 is induced in naive T cells upon activation and remains upregulated in T helper type (Th)1 cells, CD8 effector cells, NK cells and NKT cells. CD183-ligand interactions mediate infiltration of inflamed tissues in normal type 1 immune responses as well as in many inflammatory and autoimmune diseases. CD183 is also expressed on some B cells and plasmacytoid DC.

Applications Reported: This CEW33D antibody has been reported for use in flow cytometric analysis.

Applications Tested: This CEW33D antibody has been pre-diluted and tested by flow cytometric analysis of normal human peripheral blood cells. This may 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: 633-647 nm; Emission: 660 nm; Laser: Red Laser

Product Images For CD183 (CXCR3) Monoclonal Antibody (CEW33D), APC, eBioscience™



CD183 (CXCR3) Antibody (17-1839-42) in Flow

Normal human peripheral blood cells were stained with CD3 Monoclonal Antibody, eFluor 450 (Product # 48-0038-42) and Mouse IgG1 kappa Isotype Control, APC (Product # 17-4714-82) (left) or CD183 Monoclonal Antibody, APC (right). Cells in the lymphocyte gate were used for analysis.

1 Reference

Flow Cytometry (1)

European journal of immunology

Subsets of human CD4(+) regulatory T cells express the peripheral homing receptor CXCR3.

"Published figure using CD183 (CXCR3) monoclonal antibody (Product # 17-1839-42) in Flow Cytometry"

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Species
Not Applicable

Dilution
Not Cited

Year
2011

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