

# CD183 (CXCR3) Monoclonal Antibody (CEW33D), Biotin, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Biotin, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	CEW33D
Conjugate	Biotin
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2572778

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.5 µg/test	-

## Product Specific Information

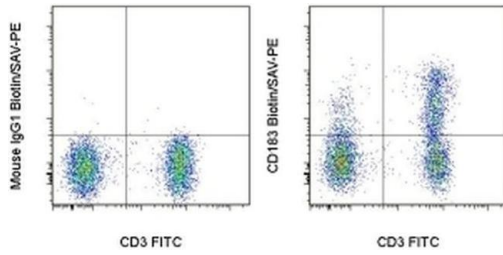
Description: The CEW33D monoclonal antibody reacts with human CD183. CD183, also known as CXCR3, is a G protein-coupled chemokine receptor that interacts with ligands CXCL9 (MIG), CXCL10 (IP-10), and CXCL11 (I-TAC). Strongly associated with type 1 immunity, CD183 is induced in naive T cells upon activation 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 tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at less than or equal to 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 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Filtration: 0.2 µm post-manufacturing filtered.

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



### CD183 (CXCR3) Antibody (13-1839-82) in Flow

Staining of normal human peripheral blood cells with Anti-Human CD3 FITC (Product # 11-0036-42) and 0.25 µg of Mouse IgG1 K Isotype Control Biotin (Product # 13-4714-85) (left) or 0.25 µg of Anti-Human CD183 (CXCR3) Biotin (right) followed by Streptavidin PE (Product # 12-4317-87). Cells in the lymphocyte gate were used for analysis.

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