Anti-Mouse Plexin-B2 Biotin
Catalog Number: 13-5665
Also Known As: PlexinB2

Staining of BALB/c splenocytes with Anti-Human/Mouse CD45R (B220) FITC (cat. 11-0452) and 0.25 μg of Armenian Hamster IgG Isotype Control Biotin (cat. 13-4888) (left) or 0.25 μg of Anti-Mouse Plexin-B2 Biotin (right) followed by Streptavidin PE (cat. 12-4317). Total viable cells were used for analysis.

Product Information
Contents: Anti-Mouse Plexin-B2 Biotin
Catalog Number: 13-5665
Clone: eBio3E7 (3E7)
Concentration: 0.5 mg/mL
Host/Isotype: Armenian Hamster IgG
Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C. Do not freeze.
Lot: Refer to Vial
Batch Code: Refer to Vial
Use By: Refer to Vial
Caution, contains Azide

Description
Plexin-B2 is a member of the Semaphorin receptor family. The semaphorin family consists of membrane and secreted proteins involved in attraction and repulsion of neuronal guidance cues. Plexin-B1 is a transmembrane protein that can be cleaved converting the single chain precursor into a heterodimeric receptor. It has been shown to bind Sema4D/CD100 and is involved in axon development in mouse embryos. Sema4D also plays a role in the immune system interacting with CD72. Plexin-B2's possible role in the immune system has not been characterized.

Applications Reported
This eBio3E7 (3E7) antibody has been reported for use in flow cytometric analysis.

Applications Tested
This eBio3E7 (3E7) antibody has been tested by flow cytometric analysis of mouse splenocytes. 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 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References


Related Products
11-0452 Anti-Human/Mouse CD45R (B220) FITC (RA3-6B2)
11-4317 Streptavidin FITC
12-4317 Streptavidin PE
13-4888 Armenian Hamster IgG Isotype Control Biotin (eBio299Arm)
17-4317 Streptavidin APC