

Biotin anti-human CD185 (CXCR5)

Catalog # / Size: 2384655 / 25 µg
2384660 / 100 µg

Clone: J252D4

Isotype: Mouse IgG1, κ

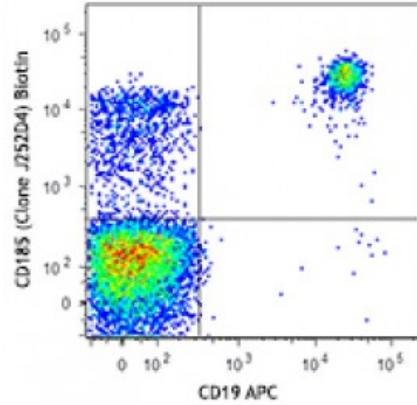
Immunogen: Human CXCR5-transfected cells

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: Lot-specific

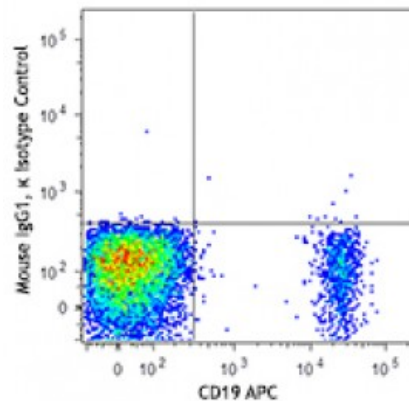


Human peripheral blood lymphocytes were stained with CD19 APC and biotinylated CD185 (clone J252D4, top) or biotinylated mouse IgG1, κ isotype control (bottom) followed by Streptavidin-PE.

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.25 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.



Description: CD185, also known as CXCR5, is a 42 kD G-protein coupled receptor with seven transmembrane regions. CXCR5 is expressed by mature B cells, follicular helper T cells, Burkitt’s lymphoma cells and a subset of neurons, and mediates cell migration to the B cell follicles in the secondary lymphoid organs. The ligand of CXCR5 is CXCL13 (BLC).

- Antigen References:**
1. Ma CS, *et al.* 2012. *J. Exp. Med.* 209:1241.
 2. León B, *et al.* 2012. *Nat. Immunol.* 13:681.
 3. Crotty S. 2011. *Annu. Rev. Immunol.* 29:621.
 4. Kerfoot SM, *et al.* 2011. *Im*