

Purified anti-human CD185 (CXCR5)

Catalog # / Size: 2384510 / 100 µg
2384505 / 25 µg

Clone: J252D4

Isotype: Mouse IgG1, κ

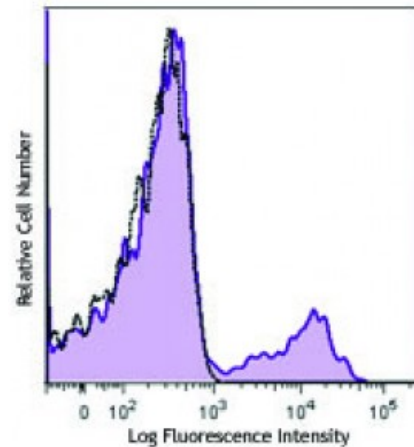
Immunogen: Human CXCR5-transfected cells

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography.

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

Concentration: 0.5



Human peripheral blood lymphocytes were stained with purified human CD185 (CXCR5, clone J252D4, filled histogram), or purified mouse IgG1, κ isotype control (open histogram), followed by anti-mouse IgG 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 ≤0.5 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*