

PE/Fire™ 700 anti-human CD185 (CXCR5)

Catalog # / Size: 2384765 / 25 tests
2384770 / 100 tests

Clone: J252D4

Isotype: Mouse IgG1, κ

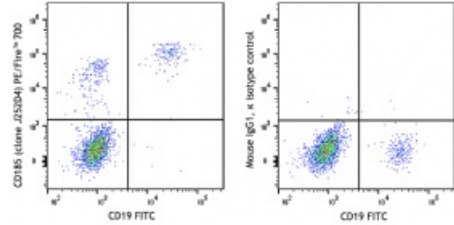
Immunogen: Human CXCR5-transfected cells

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography and conjugated with PE/Fire™ 700 under optimal conditions.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA)

Concentration: Lot-specific



Human peripheral blood lymphocytes were stained with anti-human CD19 FITC and anti-human CD185 (CXCR5) (clone J252D4) PE/Fire™ 700 (left) or mouse IgG1, κ PE/Fire™ 700 isotype control (right).

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 5 µL per million cells in 100 µL staining volume or 5 µL per 100 µL of whole blood. 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. *Immunity* 34:947.
 5. Sáez de Guinoa J, et al. 2011. *Blood* 118:1560.