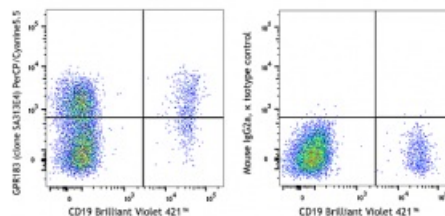


PerCP/Cyanine5.5 anti-human GPR183 (EBI2)**Catalog # /** 2444570 / 100 tests**Size:** 2444565 / 25 tests**Clone:** SA313E4**Isotype:** Mouse IgG2a, κ **Immunogen:** Human GPR183-transfected cells**Reactivity:** Human**Preparation:** The antibody was purified by affinity chromatography and conjugated with PerCP/Cyanine5.5 under optimal conditions. The solution is free of unconjugated PerCP/Cyanine5.5 and unconjugated antibody.**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 CD19 Brilliant Violet 421™ and GPR183 (EBI2) (clone SA313E4) PerCP/Cyanine5.5 (left) or mouse IgG2a, κ PerCP/Cyanine5.5 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 μ L per million cells in 100 μ L staining volume or 5 μ L per 100 μ L of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

* PerCP/Cyanine5.5 has a maximum absorption of 482 nm and a maximum emission of 690 nm.

Description: GPR183, also known as EBI2, is a member of the rhodopsin-like subfamily of 7TM receptors, which forms homodimers and heterodimers when it associates with CXCR5. GPR183 is expressed by Naive B cells, subset of T cells, monocytes and macrophages, and is highly upregulated by Epstein-Barr virus infection. GPR183 regulates the B cell trafficking within lymphoid follicles in response to 7α , 25-dihydroxycholesterol.**Antigen References:**

1. Preuss I, *et al.* 2014. *Biochem. Biophys. Res. Commun.* 446:663.
2. Barroso R, *et al.* 2012. *FASEB J.* 26:4841.
3. Hannedouche S, *et al.* 2011. *Nature.* 475:524.
4. Benned-Jensen T, *et al.* 2011. *J. Biol. Chem.* 286:29292.