

## PerCP/Fire™ 806 anti-human GPR183 (EBI2) Antibody

<b>Catalog# / Size</b>	368921 / 25 tests 368922 / 100 tests
<b>Clone</b>	SA313E4
<b>Regulatory Status</b>	RUO
<b>Other Names</b>	EBI2
<b>Isotype</b>	Mouse IgG2a, κ
<b>Description</b>	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.

### Product Details

---

<b>Verified Reactivity</b>	Human
<b>Antibody Type</b>	Monoclonal
<b>Host Species</b>	Mouse
<b>Immunogen</b>	Human GPR183-transfected cells
<b>Formulation</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA)
<b>Preparation</b>	The antibody was purified by affinity chromatography and conjugated with PerCP/Fire™ 806 under optimal conditions.
<b>Concentration</b>	Lot-specific (to obtain lot-specific concentration and expiration, please enter the lot number in our <a href="#">Certificate of Analysis</a> online tool.)
<b>Storage &amp; Handling</b>	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. <b>Do not freeze.</b>
<b>Application</b>	<a href="#">FC - Quality tested</a>
<b>Recommended Usage</b>	Each lot of this antibody is quality control tested by <a href="#">immunofluorescent staining with flow cytometric analysis</a> . 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.  * PerCP/Fire™ 806 has a maximum excitation of 478 nm and a maximum emission of 806 nm.
<b>Excitation Laser</b>	Blue Laser (488 nm)
<b>RRID</b>	AB_3683396 (BioLegend Cat. No. 368921) AB_3683396 (BioLegend Cat. No. 368922)

### Antigen Details

---

<b>Structure</b>	Member of the rhodopsin-like subfamily of 7TM receptors and forms homo- and heterodimers.
<b>Distribution</b>	Naive B cells, subset of T cells, monocytes and macrophages
<b>Function</b>	Chemotactic receptor that regulates B cell trafficking within lymphoid follicles.
<b>Ligand/Receptor</b>	7α, 25-dihydroxycholesterol

<b>Cell Type</b>	B cells, Macrophages, Monocytes, T cells
<b>Biology Area</b>	Cell Biology, Immunology, Innate Immunity
<b>Molecular Family</b>	Cytokine/Chemokine Receptors, Steroid Receptors/Nuclear Receptors
<b>Antigen References</b>	<ol style="list-style-type: none"> <li>1. Preuss I, <i>et al.</i> 2014. <i>Biochem. Biophys. Res. Commun.</i> 446:663.</li> <li>2. Barroso R, <i>et al.</i> 2012. <i>FASEB J.</i> 26:4841.</li> <li>3. Hannedouche S, <i>et al.</i> 2011. <i>Nature.</i> 475:524.</li> <li>4. Benned-Jensen T, <i>et al.</i> 2011. <i>J. Biol. Chem.</i> 286:29292.</li> </ol>
<b>Gene ID</b>	<a href="#">1880</a>

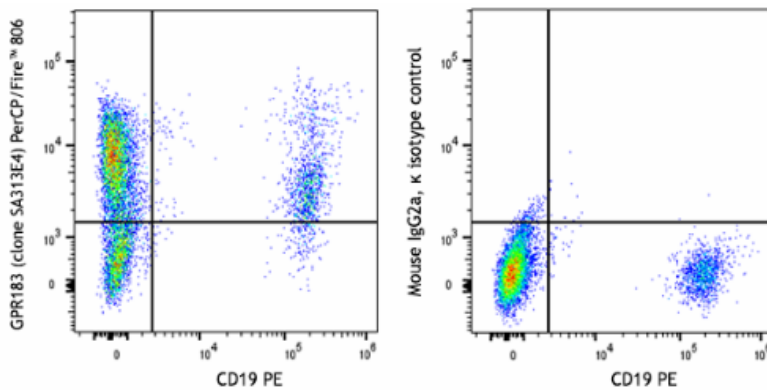
## Related Protocols

- [Cell Surface Flow Cytometry Staining Protocol](#)

## Other Formats

Alexa Fluor® 647 anti-human GPR183 (EBI2), PE anti-human GPR183 (EBI2), APC anti-human GPR183 (EBI2), Brilliant Violet 421™ anti-human GPR183 (EBI2), FITC anti-human GPR183 (EBI2), PerCP/Cyanine5.5 anti-human GPR183 (EBI2), PE/Cyanine7 anti-human GPR183 (EBI2), PE/Dazzle™ 594 anti-human GPR183 (EBI2), PerCP/Fire™ 780 anti-human GPR183 (EBI2), PerCP/Fire™ 806 anti-human GPR183 (EBI2), TotalSeq™-C1484 anti-human GPR183 (EBI2) Antibody, TotalSeq™-B1484 anti-human GPR183 (EBI2), TotalSeq™-A1484 anti-human GPR183 (EBI2)

## Product Data



Human peripheral blood lymphocytes were stained with anti-human CD19 (clone HIB19) PE and anti-human GPR183 (EBI2) (clone SA313E4) PerCP/Fire™ 806 (left) or mouse IgG2a, κ PerCP/Fire™ 806 isotype control (right).

For Research Use Only. Not for diagnostic or therapeutic use.

This product is supplied subject to the terms and conditions, including the limited license, located at [www.biolegend.com/terms](http://www.biolegend.com/terms) ("Terms") and may be used only as provided in the Terms. Without limiting the foregoing, BioLegend products may not be used for any Commercial Purpose as defined in the Terms, resold in any form, used in manufacturing, or reverse engineered, sequenced, or otherwise studied or used to learn its design or composition without express written approval of BioLegend. Regardless of the information given in this document, user is solely responsible for determining any license requirements necessary for user's intended use and assumes all risk and liability arising from use of the product. BioLegend is not responsible for patent infringement or any other risks or liabilities whatsoever resulting from the use of its products.

BioLegend, the BioLegend logo, and all other trademarks are property of BioLegend, Inc. or their respective owners, and all rights are reserved.

8999 BioLegend Way, San Diego, CA 92121 [www.biolegend.com](http://www.biolegend.com)  
Toll-Free Phone: 1-877-Bio-Legend (246-5343) Phone: (858) 768-5800 Fax: (877) 455-9587