

## PerCP/Fire™ 806 anti-human BLTR Recombinant Antibody

<b>Catalog# / Size</b>	383611 / 25 tests 383612 / 100 tests
<b>Clone</b>	QA20A70
<b>Regulatory Status</b>	RUO
<b>Other Names</b>	LTB4R, BLT1, LTBR1, LTB4R1, Leukotriene B4 Receptor
<b>Isotype</b>	Mouse IgG2a, κ
<b>Description</b>	Leukotriene B4 receptor (BLTR or LTB4R-1), is a G protein-coupled receptor. It functions as a leukocyte chemoattractant. It activates the G1 family of the G proteins to mediate chemotaxis and it also uses G proteins to mediate cytotoxic activities. BLTR plays an important role in the recruitment and retention of leukocytes, primarily eosinophils.

### Product Details

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<b>Verified Reactivity</b>	Human
<b>Antibody Type</b>	Recombinant
<b>Host Species</b>	Mouse
<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)

### Antigen Details

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<b>Structure</b>	G protein-coupled receptor
<b>Distribution</b>	Granulocytes, Monocytes, Dendritic cells
<b>Function</b>	Leukocyte chemoattractant
<b>Ligand/Receptor</b>	Leukotriene B4
<b>Cell Type</b>	Basophils, Epithelial cells, Granulocytes, Leukocytes, Mast cells, Monocytes, Neutrophils
<b>Biology Area</b>	Cell Biology, Immunology
<b>Molecular Family</b>	GPCR, Innate Immune Signaling

## Antigen References

1. Yokomizo Y, *et al.* 1997. *Nature*. 387:620-4
2. Lundeen KA, *et al.* 2006. *J Immunol*. 177:3439-47

Gene ID [1241](#)

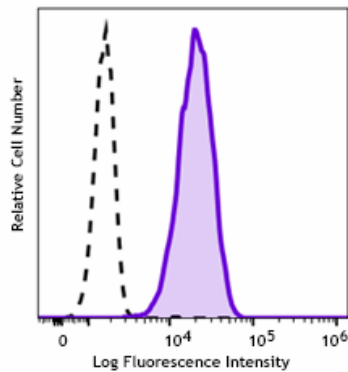
## Related Protocols

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

## Other Formats

Purified anti-human BLTR Recombinant Antibody, PE anti-human BLTR Recombinant Antibody, APC anti-human BLTR Recombinant Antibody, FITC anti-human BLTR Recombinant Antibody, PerCP/Cyanine5.5 anti-human BLTR Recombinant Antibody, PerCP/Fire™ 806 anti-human BLTR Recombinant Antibody

## Product Data



Human peripheral blood granulocytes were stained with anti-human BLTR recombinant (clone QA20A70) PerCP/Fire™ 806 (filled histogram) or mouse IgG2a, κ PerCP/Fire™ 806 isotype control (open histogram).

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