

Datasheet for ABIN220453

anti-Leukotriene B4 Receptor/BLT antibody (PE)



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Overview

Quantity:	100 µL
Target:	Leukotriene B4 Receptor/BLT (LTB4R)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Leukotriene B4 Receptor/BLT antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	HeLa cell transfectants expressing human BLTR.
	Type of Immunogen: Cells
Isotype:	IgG2a
Specificity:	Recognizes the human BLTR molecule, the leukotriene B4 receptor. BLTR is expressed by peripheral blood granulocytes and is important in the pro-inflammatory response.
Purification:	Protein G purified

Target Details

Target:	Leukotriene B4 Receptor/BLT (LTB4R)
Alternative Name:	Leukotriene B4 Receptor / BLT1 (LTB4R Products)
Background:	Name/Gene ID: LTB4R

Target Details

Subfamily: Chemoattractant

Family: GPCR

Synonyms: LTB4R, BLT, BLT1, BLTR, Blt-1, Chemokine receptor-like 1, G protein-coupled receptor 16, GPR16, Leukotriene B4 receptor, Leukotriene B4 receptor 1, G-protein coupled receptor 16, LTBR1, p2Y purinoceptor 7, p2Y7, LTB4-R 1, p2RY7, CMKRL1, LTB4-R1, LTB4R1

Gene ID: 1241

UniProt: [Q15722](#)

Application Details

Application Notes: Approved: Flo

Usage: Suitable for use in Flow Cytometry. Flow Cytometry (Neat):1:2. Use 10 µL to label 1 x10⁶ or 100 µL whole blood. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Reconstitution: Reconstitute with 1 mL of sterile distilled water.

Concentration: Lot specific

Buffer: Supplied as a lyophilized powder from PBS, pH 7.4, 1 % BSA, 0.09 % sodium azide, 5 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Do not freeze. Dilute only prior to immediate use. Freezing PE conjugates will result in a substantial loss of enzymatic activity.

Storage: 4 °C

Storage Comment: Do not freeze. Lyophilized powder may be stored at 4°C. Stable at 4°C as an undiluted liquid for 1 year. Dilute only prior to immediate use. Freezing PE conjugates will result in a substantial

loss of enzymatic activity.