

Monoclonal Antibody to LTB4R / BLTR - Biotin

Alternate names:	BLT, BLT1, CMKRL1, Chemoattractant receptor-like 1, G-protein coupled receptor 16, GPR16, LTB4-R 1, Leukotriene B4 receptor 1, P2RY7, P2Y purinoceptor 7, P2Y7
Catalog No.:	SM1844BT
Quantity:	25 µg
Concentration:	0.1 mg/ml
Background:	BLTR is expressed by peripheral blood granulocytes and is important in the pro-inflammatory response.
Uniprot ID:	Q15722
NCBI:	NP_001137391.1
GeneID:	1241
Host / Isotype:	Mouse / IgG2a
Clone:	202/7B1
Immunogen:	HeLa cell transfectants expressing human BLTR. Spleen cells from immunised Balb/c mice were fused with cells of the mouse SP2/0 myeloma cell line.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: PBS containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: Biotin
Applications:	Flow cytometry: neat - 1/2; use 10 µl of the suggested working dilution to label 10e6 cells. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the BLTR molecule, the leukotriene B4 receptor. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Pettersson A, Boketoft A, Sabirsh A, Nilsson NE, Kotarsky K, Olde B, et al. First-generation monoclonal antibodies identifying the human leukotriene B(4) receptor-1. <i>Biochem Biophys Res Commun.</i> 2000 Dec 20;279(2):520-5. PubMed PMID: 11118319.

Pictures:

Staining of human peripheral blood granulocytes with MOUSE ANTI HUMAN BLTR:BIOTIN (SM1844B).

