LTB4R2 Conjugated Antibody

Catalog No: #C40200

Package Size: #C40200-AF350 100ul #C40200-AF405 100ul #C40200-AF488 100ul #C40200-AF555 100ul #C40200-AF594 100ul #C40200-AF647 100ul #C40200-AF680 100ul #C40200-AF750 100ul #C40200-Biotin 100ul

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Description

Product Name	LTB4R2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total LTB4R2 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human leukotriene B4 receptor 2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BLT2; NOP9; BLTR2; JULF2; KPG_004; LTB4-R2; LTB4-R 2
Accession No.	Swiss-Prot#:Q9NPC1NCBI Gene ID:56413NCBI mRNA#:NCBI Protein#:NP_001158164
Uniprot	Q9NPC1
GeneID	56413;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	42
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Leukotriene B4 receptor 1 (LTB4R1), also designated P2Y purinoceptor 7, is a receptor for extracellular ATP, UTP and ADP. Through modulation of L-type calcium currents, LTB4-R1 is involved in the regulation of cardiac muscle contraction. It is also a receptor for leukotriene B4 (LTB4), a potent chemoattractant involved in inflammation and immumne response. Leukotriene B4 receptor 2 (LTB4R2) is a ubiquitously expressed 358-amino acid receptor for LTB4.

Note: This product is for in vitro research use only