

Leukotriene B4 Receptor BLT1 Antibody

Catalog No.:	PP42
Quantity:	0.2 mg
Concentration:	1 mg/ml
Background:	<p>BLT1 is a Chemoattractant Receptor that binds the potent chemoattractant leukotriene B4 (LTB4) which is involved in defense against infection. Leukotriene B4 also activates the transcription factor PPAR alpha, resulting in the activation of genes that terminate inflammatory processes (Yokomizo et al., 1997). Although BLT1 shows homology to other P2Y receptors, it does not function as a purinoreceptor (Yokomizo et al., 1997). Part of the coding regions of BLTR2 (LS57180) have been duplicated and are part of the 5' UTR noncoding regions of the clusters BLT1 (LS190955) and CIDE-B (LS54843) on chromosome 14. BLT1 has been reported in blood, bone marrow, brain, heart, liver, and skeletal muscle. In addition, BLT1 has been shown to be highly expressed in leukocytes and lymphoid tissues such as spleen, thymus, and lymph node. ESTs have been isolated from B-cell/lung/testis, breast, colon, eye, kidney, skin, spleen, testis, and tonsil libraries.</p>
Host / Isotype:	Rabbit
Immunogen:	Synthetic peptide - KLH conjugated
Format:	State: Liquid Purification: Immunogen affinity purified. Buffer System: Phosphate buffered saline, PH 7.7 containing 0.01% sodium azide
Applications:	IHC-P Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Human. Others not determined.
Storage:	Keep as concentrated solution. Store at 4

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com