10320 Camino Santa Fe, Suite G
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Leukotriene B4 Receptor / BLT1 Antibody (Cytoplasmic Domain)

Rabbit Polyclonal Antibody
Catalog # ALS10374

Specification

Leukotriene B4 Receptor / BLT1 Antibody (Cytoplasmic Domain) - Product Information

Application	**IHC**
Primary Accession	Q15722
Reactivity	**Human, Mouse, Rabbit, Hamster, Monkey, Horse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**38kDa KDa**

Leukotriene B4 Receptor / BLT1 Antibody (Cytoplasmic Domain) - Additional Information

Gene ID 1241

Other Names
Leukotriene B4 receptor 1, LTB4-R 1, LTB4-R1, Chemoattractant receptor-like 1, G-protein coupled receptor 16, P2Y purinoceptor 7, P2Y7, LTB4R, BLT, BLT1, BLTR, CMKRL1, GPR16, P2RY7

Target/Specificity
Human Leukotriene B4 Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
Leukotriene B4 Receptor / BLT1 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

Leukotriene B4 Receptor / BLT1 Antibody (Cytoplasmic Domain) - Protein Information

Name LTB4R

Synonyms BLT, BLT1, BLTR, CMKRL1, GPR16, P2RY7

Function
Receptor for extracellular ATP > UTP and ADP. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. May be the cardiac P2Y receptor involved in the regulation of cardiac muscle contraction through modulation of L-type calcium currents. Is a receptor for leukotriene B4, a potent chemoattractant involved in inflammation and immune response.

Cellular Location
Cell membrane; Multi-pass membrane protein.

Tissue Location
Expressed at highest levels in heart, skeletal muscle and at lower levels in brain and liver. High level of expression in lymphoid tissues

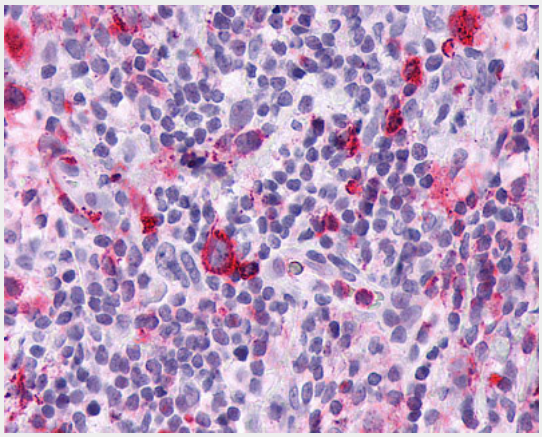
Volume
50 µl

Leukotriene B4 Receptor / BLT1 Antibody (Cytoplasmic Domain) - Protocols

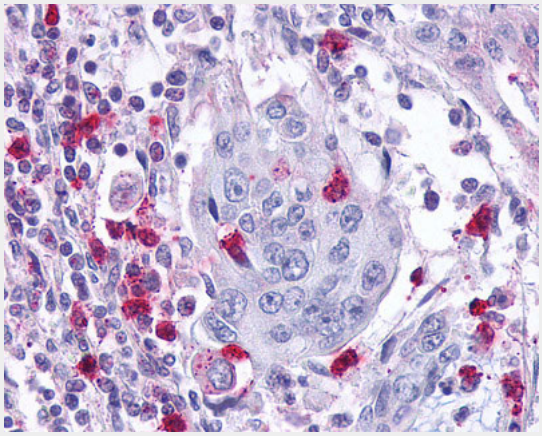
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Leukotriene B4 Receptor / BLT1 Antibody (Cytoplasmic Domain) - Images

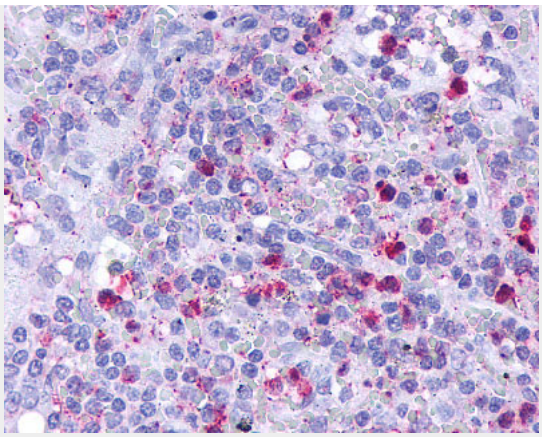


Anti-Leukotriene B4 Receptor / BLT1 antibody IHC of human Lymph Node, Hodgkins Lymphoma.



Anti-Leukotriene B4 Receptor / BLT1 antibody IHC of human Pancreas, Carcinoma and Leukocytes.

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Anti-Leukotriene B4 Receptor antibody ALS10374 IHC of human spleen, red pulp.

Leukotriene B4 Receptor / BLT1 Antibody (Cytoplasmic Domain) - Background

Receptor for extracellular ATP > UTP and ADP. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. May be the cardiac P2Y receptor involved in the regulation of cardiac muscle contraction through modulation of L-type calcium currents. Is a receptor for leukotriene B4, a potent chemoattractant involved in inflammation and immune response.

Leukotriene B4 Receptor / BLT1 Antibody (Cytoplasmic Domain) - References

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