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LTB4R2 / BLT2 Antibody (Cytoplasmic Domain)

Rabbit Polyclonal Antibody
Catalog # ALS10511

Specification

LTB4R2 / BLT2 Antibody (Cytoplasmic Domain) - Product Information

Application	**IHC**
Primary Accession	Q9NPC1
Reactivity	**Human, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**42kDa KDa**

LTB4R2 / BLT2 Antibody (Cytoplasmic Domain) - Additional Information

Gene ID 56413

Other Names
Leukotriene B4 receptor 2, LTB4-R 2, LTB4-R2, LTB4 receptor JULF2, Leukotriene B4 receptor BLT2, Seven transmembrane receptor BLTR2, LTB4R2, BLT2R, BLTR2

Target/Specificity
Human LTB4R2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

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

Precautions
LTB4R2 / BLT2 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

LTB4R2 / BLT2 Antibody (Cytoplasmic Domain) - Protein Information

Name LTB4R2

Synonyms BLT2R, BLTR2

Function
Low-affinity receptor for leukotrienes including leukotriene B4. Mediates chemotaxis of granulocytes and macrophages. The response is mediated via G-proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinities for the leukotrienes is LTB4 > 12-epi-LTB4 > LTB5 > LTB3.

Cellular Location
Cell membrane; Multi-pass membrane protein.

Tissue Location

Widely expressed.

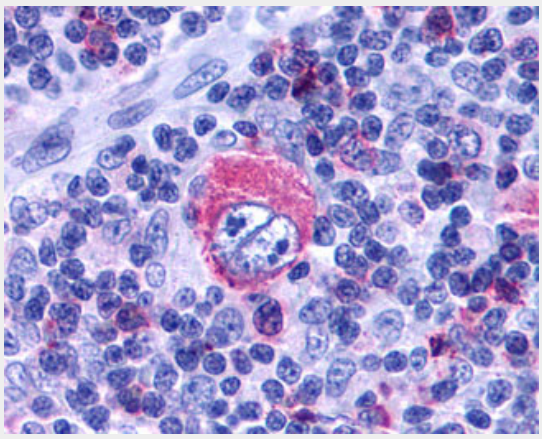
Volume
50 µl

LTB4R2 / BLT2 Antibody (Cytoplasmic Domain) - Protocols

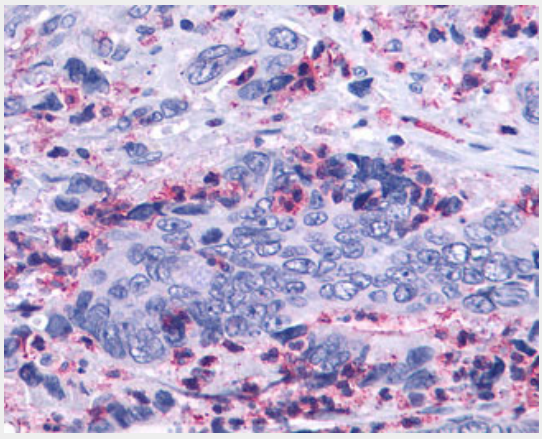
Provided below are standard protocols that you may find useful for product applications.

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

LTB4R2 / BLT2 Antibody (Cytoplasmic Domain) - Images

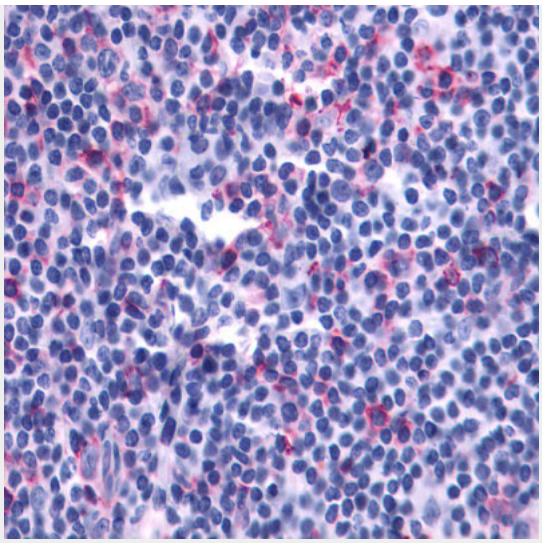


Anti-LTB4R2 / BLT2 antibody IHC of human Lymph Node, Hodgkins Lymphoma.



Anti-LTB4R2 / BLT2 antibody IHC of human Colon, Carcinoma and Leukocytes.

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Anti-LTB4R2 antibody ALS10511 IHC of human tonsil.

LTB4R2 / BLT2 Antibody (Cytoplasmic Domain) - Background

Low-affinity receptor for leukotrienes including leukotriene B4. Mediates chemotaxis of granulocytes and macrophages. The response is mediated via G-proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinities for the leukotrienes is LTB4 > 12-epi-LTB4 > LTB5 > LTB3.

LTB4R2 / BLT2 Antibody (Cytoplasmic Domain) - References

Tryselius Y.,et al.Biochem. Biophys. Res. Commun. 274:377-382(2000).
Yokomizo T.,et al.J. Exp. Med. 192:421-432(2000).
Hirose M.,et al.Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.
Volpe F.,et al.Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.
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