

LTB4R2 / BLT2 Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10511**Specification**

LTB4R2 / BLT2 Antibody (Cytoplasmic Domain) - Product Information

Application	IHC-P
Primary Accession	Q9NPC1
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa KDa
Dilution	IHC-P~~N/A

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.

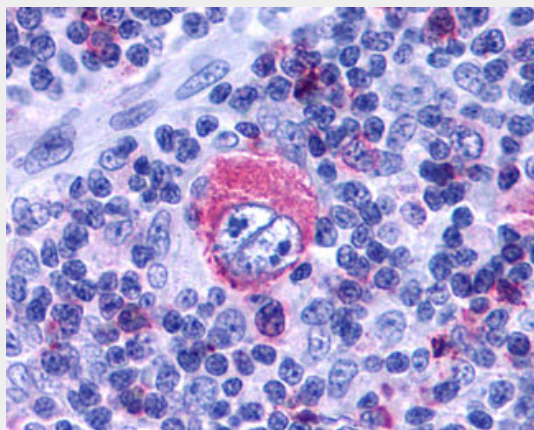
Volume

50 µl

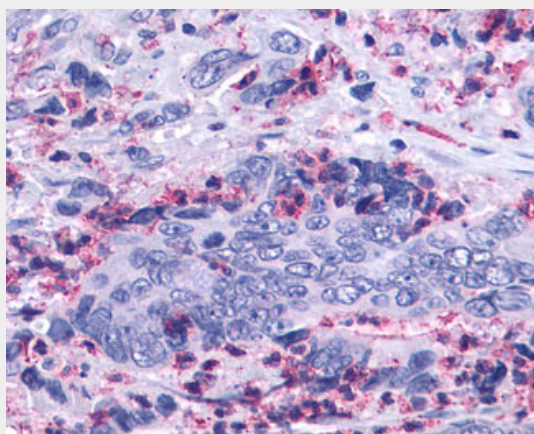
LTB4R2 / BLT2 Antibody (Cytoplasmic Domain) - Protocols

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

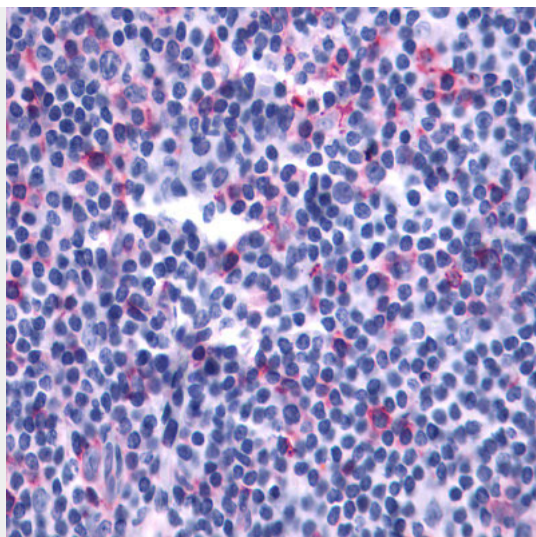
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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.



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.
Kopatz S.A., et al. Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.