

**bs-21691R****[ Primary Antibody ]****LTB4-R1/LTB4R Rabbit pAb****BioSS**  
**ANTIBODIES**

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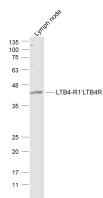
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse (predicted: Rat, Horse)
<b>Target:</b> LTB4-R1/LTB4R		<b>Predicted MW.:</b> 39 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from mouse LTB4-R1/LTB4R: 201-300/351. < Extracellular >		<b>Subcellular Location:</b> Cell membrane
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> Leukotriene B4 Receptor is a member of the GPCR family (subfamily:chemoattractant). It is a receptor for leukotriene B4, a potent chemoattractant involved in inflammation and immune response. It has been reported in blood, bone marrow, brain, heart, liver, and skeletal muscle. In addition, it 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.		

**— VALIDATION IMAGES —**

Sample: Lymph node (Mouse) Lysate at 40 ug  
Primary: Anti-LTB4-R1<sup>1</sup> LTB4R (bs-21691R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 39 kD  
Observed band size: 39 kD

**— SELECTED CITATIONS —**

- **[IF=5.201]** Yu-fei Chen. et al. Promotion of Bronchopulmonary Dysplasia Progression Using Circular RNA circabcc4 via Facilitating PLA2G6 Expression by Sequestering miR-663a. Front Cell Dev Biol. 2020; 8: 585541 IHC ;Rat. 33195232