

Anti-FPRL1 Polyclonal Antibody 3

Product Details

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| Ig Type: | IgG |
| Reactivity: | Mouse |
| Molecular Weight: | Theoretical: 39 kDa. Actual: 39 kDa. |
| Purification: | Protein A purified |

Applications

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| Verified Activity: | Sample: Bone (Mouse) Lysate at 40 µg Primary: Anti-FPRL1 (TMAB-06153) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD Observed band size: 39 kD |
| Application: | WB |
| Recommended | WB: 1:500-2000 |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | KLH conjugated synthetic peptide: mouse FPRL1 |
| Antigen Species: | Mouse |
| Gene ID: | 2358 |

Research Background

FPRL1 is a low affinity receptor to N-formyl-methionyl peptides, which are powerful neutrophils chemotactic factors. Binding of FMLP to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. The activation of LXA4R could result in an anti-inflammatory outcome counteracting the actions of proinflammatory signals such as LTB4 (leukotriene B4). FPRL1 has been reported in phagocytes, monocytes, neutrophils, differentiated myeloid cells from bone marrow, granulocyte HL-60 cells, and synovial fibroblasts. ESTs have been isolated from blood, leukocyte, lung, and placenta libraries.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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