

Anti-FPRL1 Polyclonal Antibody

Product Details

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

Applications

1. Sample:

Lane 1: U937 (Human) Cell Lysate at 30 µg
Lane 2: HL60 (Human) Cell Lysate at 30 µg
Lane 3: HeLa (Human) Cell Lysate at 30 µg
Lane 4: HepG2 (Human) Cell Lysate at 30 µg
Lane 5: SW480 (Human) Cell Lysate at 30 µg
Lane 6: LOVO (Human) Cell Lysate at 30 µg
Primary: Anti-FPRL1 (TMAB-00713) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 39 kDa
Observed band size: 35 kDa

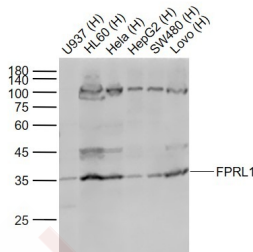
Verified Activity:

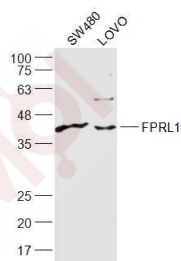
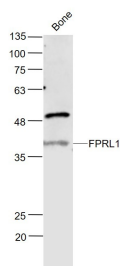
2. Sample:

Bone (Mouse) Lysate at 40 µg
Primary: Anti-FPRL1 (TMAB-00713) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 39 kDa
Observed band size: 39 kDa

3. Sample:

SW480 (Human) Cell Lysate at 30 µg
LOVO (Human) Cell Lysate at 30 µg
Primary: Anti-FPRL1 (TMAB-00713) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 39 kDa
Observed band size: 39 kDa





Application: WB
 Recommended WB: 1:500-2000

Properties

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

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human FPRL1
 Antigen Species: Human
 Gene ID: 2358
 Uniprot ID: P25090
 Synonyms: FPR 2;Formyl peptide receptor 2;FMLP-R-II;Formyl peptide receptor related;FPRL 1;FMLP-R-I;FPR2;FPR2A;FPRH1;FPRH 2;FPRH2;Lipoxin A4 receptor;LXA4 receptor;FMLP R I;FPRL1;FMLPX;ALXR;RFP;N-formyl peptide receptor 2;HM63;FMLP R II;FMLP related receptor I;LXA4R;FPRH 1;Formyl peptide receptor like 1
 Biology Area: Cell adhesion molecules,GPCR

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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