



Rabbit Anti-Human FPRL1 C-terminal Polyclonal Antibody Datasheet

Product Name: pAb Rabbit anti-Human FPRL1 C-terminal

Catalogue No.: AI70001B

Quantity: 0.1 mg/vial

Description: Rabbit anti- human formyl peptide receptor-like 1(FPRL1) C-terminal polyclonal antibody

Product Type: Purified polyclonal antibodies

Target Protein: Human formyl peptide receptor-like 1

Immunogen: A short peptide corresponding to the C-terminal amino acid sequence (SASPPAETELQAM) on FPRL1 was conjugated with KLH for immunization.

Specificity: This polyclonal antibody reacts with the above mentioned peptide on ELISA plate and reacts with the 38KD FPRL1 on Western Blot.

Species Reactivity: Human, others not tested.

Source: Rabbit

Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.2

Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.

Storage: Store at -20°C

Research Area: G-protein coupled membrane receptor, chemotaxis and Alzheimer's disease.

Background: Human formyl peptide receptor-like 1(FPRL1) is a G-protein coupled seven transmembrane receptor. The receptor can bind to the formyl peptides derived from the degradation of the cell wall of infected bacteria and host cells. FPRL1 expressed on the cell surface of neutrophils and other leukocytes mediates the chemotaxis of these cells toward infected site. It has been reported that acute phase protein SAA is also a ligand of FPRL1 and SAA can induce the secretion of IL-8 and TNF- α by neutrophil through FPRL1 signalling. FPRL1 has also been shown to mediate the chemotaxis of microglia by Abeta42 peptide and the internalization of Abeta42 peptide into cytoplasm of macrophage, indicating that FRPL1 may participate in the Abeta42 peptide elicited pathogenesis in Alzheimer's disease.

Applications: **Western Blot:**



Fig 1: Analysis of HL60 cell extract using anti-FPRL1 pAb at 1:6,000 dilution.

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

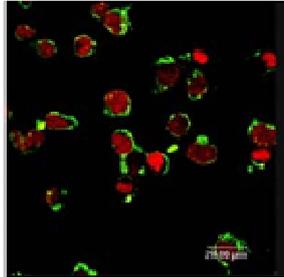
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Immunofluorescence:



Analysis of HL-60 cells using 1:600 diluted fluorescence labelled anti-FPRL1 antibody (green). Nuclei have been labelled with PI (red).

References:

If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.

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