



FPRL2 (Formyl Peptide Receptor-like 2, FMLP-related Receptor II, FMLP-R-II, N-formyl Peptide Receptor 3, FPR3, FPRH1) (Azide free) (HRP)

Catalog number

F6011-01A-HRP

Supplier

United States Biological

Formyl Peptide Receptor-like 2 (FPRL2) is a low affinity receptor for 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.

Applications

Suitable for use in ELISA, Immunohistochemistry and Western Blot. Other applications not tested.

Recommended Dilution

ELISA: 1:1000

Immunohistochemistry (Paraffin)

1:50-1:100

Western Blot: 1:100-1:500

Optimal dilutions to be determined by the researcher.

Storage and Stability

Store product at 4°C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20°C. Aliquots are stable at -20°C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Note

Applications are based on unconjugated antibody.

Immunogen

Synthetic peptide selected from between a portion within aa313-342 in the center region of human FPRL2 (KLH).

Formulation

Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).

Purity

Purified by Protein A affinity chromatography.

**Specificity**

Recognizes human FPRL2.

Product Type

Pab

Source

human

Isotype

IgG

Grade

Affinity Purified

Applications

E IHC WB

Crossreactivity

Hu

Storage

-20°C

MW

39.965

Detection Method

HRP

Reference

1. Yang, D., et al., J. Leukoc. Biol. 72(3): 598-607 (2002).