Mouse FPR1 Monoclonal Antibody | anti-FPR1 antibody

FPR1 Monoclonal Antibody

CATALOG #	HOST	APPLICATIONS
AAA47759	**Mouse**	**Immunofluorescence, Immunoblot, Western Blot**

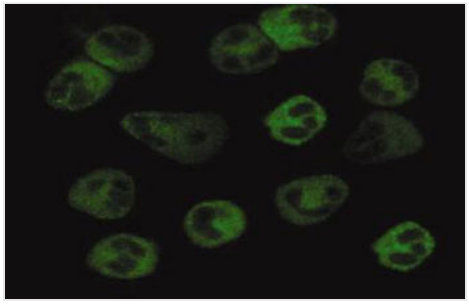
PRODUCT SYNONYMS

FPR1; Monoclonal Antibody; FPR1 Monoclonal Antibody; Anti-FPR1; anti-FPR1 antibody

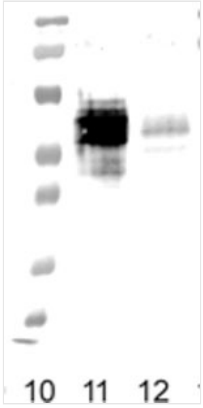
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	NFPRb
Specificity	This antibody recognizes human FPR1 at the cytoplasmic C-terminal aa 338- STLPSAEVELQAK-350. It is sensitive to C-terminal tail phosphorylation. It does not recognize human FPR2.
Purity/Purification	Protein G purified
Form/Format	100ug protein G-purified antibody in PBS pH 7.4
Concentration	1.06 mg/ml (varies by lot)
Sequence Length	350
Applicable Applications for anti-FPR1 antibody	IF (Immunofluorescence), IB (Immunoblot)
Antigen	His-tagged recombinant FPR1 (human neutrophil N-formyl peptide receptor 1) expressed in and purified from Sf9 cells.
Appearance	Clear liquid
Dilution Instructions	Dilute in PBS or medium that is identical to that used in the assay system.
Preservative	None
Preparation and Storage	This product is stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Methanol-fixed human neutrophils stained with AAA47759



IB (Immunoblot)
Alkali-stripped membranes from rFPR-expressing CHO cells (lane 11) and degranulated human neutrophils (lane 12) blotted with AAA47759

ADDITIONAL INFORMATION

Related Product Information for anti-FPR1 antibody	Formyl peptide receptors (FPR) are G protein-coupled receptors that are activated by different agonists included N-formylated peptides originating from bacteria and mitochondria. In humans, the FPR family includes the high affinity FPR1, the low affinity FPR2/ALX (previously known as FPRL1 or ALX) and FPR3. Human FPR1 is important for phagocyte chemotaxis, superoxide production, and degranulation, and helps direct phagocytes to sites of infection. Functional FPR1expression has been demonstrated on fibroblasts, bone marrow mesenchymal stem cells, A549 lung cells, HEP-G2 hepatoma cells, and on several types of epithelial cells.
Product Categories/Family for anti-FPR1 antibody	Growth Factors/Cytokines/Receptor Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	300863094
NCBI GeneID	2357
NCBI Accession #	NP_001180235.1
NCBI GenBank Nucleotide #	NM_001193306.1
Molecular Weight	38,446 Da
NCBI Official Full Name	fMet-Leu-Phe receptor
NCBI Official Synonym Full Names	formyl peptide receptor 1
NCBI Official Symbol	FPR1
NCBI Official Synonym Symbols	FPR; FMLP
NCBI Protein Information	fMet-Leu-Phe receptor
UniProt Protein Name	fMet-Leu-Phe receptor
UniProt Gene Name	**FPR1**
UniProt Synonym Gene Names	fMLP receptor; FPR
UniProt Entry Name	FPR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.