



FPR1 Monoclonal Antibody

Catalog No	YP-mAb-13249
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	FPR1
Immunogen	The antiserum was produced against synthesized peptide derived from human FPR1. AA range:155-204
Specificity	FPR1 Monoclonal Antibody detects endogenous levels of FPR1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	fMet Leu Phe receptor;FMLP;fMLP receptor;formyl peptide receptor 1;FPR; FPR1;fMet-Leu-Phe receptor;N-formyl peptide receptor;N-formylpeptide chemoattractant receptor
Observed Band	40kD
Calculated Molecular Weight	40kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Internalizes in presence of its ligands, fMLP, TAFA4 and CTSG. .
Tissue Specificity	Neutrophils.
Function	function:High 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., PTM:Phosphorylated; which is necessary for desensitization.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Neutrophils.,



Background

formyl peptide receptor 1(FPR1) Homo sapiens This gene encodes a G protein-coupled receptor of mammalian phagocytic cells that is a member of the G-protein coupled receptor 1 family. The protein mediates the response of phagocytic cells to invasion of the host by microorganisms and is important in host defense and inflammation.[provided by RefSeq, Jul 2010],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

