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FPR3 Antibody Blocking Peptide

Catalog Number:	bs-21938P
Activity:	Not tested
Purification:	HPLC
Storage:	Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	The N-formyl peptide receptor (FPR) family is comprised of three members, FPR, FPR3 (also
	designated FPRL1, lipoxin A4 receptor, FPRH1 or FPR2) and FPR like-2 (FPRL2), all of which
	are chemotactic G protein-coupled receptors that contain seven transmembrane domains.
	These receptors are found on the surface of phagocytic leukocytes, such as neutrophils and
	monocytes, and each family member contains specific residues, which are responsible for
	determining its ligand specificity. FPR3 is a promiscuous receptor that binds to several
	ligands, including lipoxin A4, N-formyl-methionyl-leucyl-phenylalanine (fMLP), serum
	amyloid A (SAA), prion peptide and the 42 amino acid form of beta amyloid. Upon activation,
	FPR3 induces migration and calcium mobilization in human monocytes and neutrophils and
	is involved in inflammatory and host defense responses. FPR3 may mediate inflammation in
	prion and Alzheimer's diseases, which makes it a potential target for therapeutic agents.