

Product datasheet for **AM26730PU-N**

FPR3 Mouse Monoclonal Antibody [Clone ID: 2G3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2G3
Applications:	FC
Recommended Dilution:	FACS. IHC (weak reaction).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	DNA vaccine
Specificity:	This antibody detects human FPRL2.
Formulation:	Phosphate buffered saline pH 7.2 (PBS) State: Purified State: Lyophilized affinity purified Ig fraction Stabilizer: 5 mg/ml bovine serum albumin (BSA) Preservative: 0.1 % Kathon
Reconstitution Method:	Reconstitute by adding 0.5 ml distilled water.
Purification:	Protein G purified
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 month or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	formyl peptide receptor 3
Database Link:	Entrez Gene 2359 Human P25089



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Background:

FPRL2 is a 353 amino acid G - protein coupled receptor. Its particular distribution on macrophage subsets of the lung, intestine and skin suggest an involvement in innate immunity against helminths or in allergic diseases. Fittingly, the receptor has also been identified on eosinophils, but not on neutrophils. The endogenous peptide F2L, an acetylated 21 amino acid peptide derived from heme - binding protein, is a most specific ligand for FPRL2 and causes chemotaxis but not degranulation in human eosinophils. F2L is also chemotactic for plasmacytoid dendritic cells which express FPRL2 and up - regulate this receptor during maturation.

Synonyms:

FML2_HUMAN; FMLP-R-II; FMLPY; FPRH1; FPRH2; FPRL2; RMLP-R-I