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Monoclonal Anti Human Formyl Peptide Receptor-Like 2
FPRL2

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.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Product Number:	T-1234 (Lot 01PO1302)
Clone:	2G3
Host species, isotype:	Mouse IgG2a, kappa light chain
Quantity:	200µg
Format:	Protein G purified, lyophilized. Affinity purified from serum-free cell culture supernatant, lyophilized. Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.5mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 5mg/ml bovine serum albumin (BSA) as a stabilizer and 0.1% (v/v) Kathon™ CG as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Applications:	This particular clone has been described for use in FACS. Weak reaction has been observed in IHC. Optimal dilutions should be determined by the end user. Suggested positive control: Eosinophils; monocyte-derived macrophages. Please see **www.bma.ch** for protocols and general information

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Immunogen:	DNA vaccine
Protein database:	human-Q6L5J4
Antigen, epitope:	The specificity of the antibody was verified by flow cytometry with cells expressing the recombinant protein. The epitope was not further characterized.

For in vitro research only. This product contains Kathon™ CG as a preservative.

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