



BMA BIOMEDICALS

Monoclonal Antibody To Human MrgF

MAS-related G-protein Coupled Receptor F; GPR140; GPR168

Mas-related G-protein coupled receptor (GPCR) F is a 343 amino acid membrane protein that belongs to the family of seven-transmembrane domain receptors. The GPCRs that are related to the MAS oncogene form a large group also known as sensory neuron-specific receptors (SNSRs) or dorsal root receptors (DRRs). The restricted expression of many members of the Mrg family to sensory neurons of the dorsal root ganglion (DRG) suggests that these receptors may play a role in nociception. The number of human SNSRs seems to be considerably smaller than in mice.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Product Number:	T-1227 (Lot 01PO1303)
Clone:	1B4
Host species, isotype:	Mouse IgG1, kappa light chain
Quantity:	250µg
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:	Tested for immunohistochemistry (IHC). Approximate working dilution for IHC: Paraffin sections: 25µg/ml (1:10), pretreatment in microwave with citrate buffer for antigen retrieval is recommended Optimal dilutions should be determined by the end user Suggested positive control: Human brain cortex Please see www.bma.ch for protocols and general information

Immunogen:	DNA vaccine
Protein database:	<u>human-Q96AM1</u>
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.