



BMA BIOMEDICALS

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Monoclonal Antibody To Human MrgF

MAS-related G-protein coupled receptor F; GPR140; GPR168; UniProt: Q96AM1

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.

Product number: T-1227

Clone: 1B4

Lot: 01PO1303

TECHNICAL AND ANALYTICAL CHARACTERISTICS:

Host species; subclass:	Mouse IgG1, kappa light chain
Quantity:	250µg
Purification / Physical State:	Protein G purified, lyophilized
Format:	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% Kathon as a preservative.
Storage and stability:	Original vial with lyophilized antibody is stable for 1 year from date of despatch. Aliquots of stock solution can be kept frozen at -20°C for two years from date of reconstitution; do not freeze working dilutions.
Approximate working dilution:	optimal dilution should be tested by serial dilution.
Immune Histochemistry:	25µg/ml (1:10)
Fixation:	Formalin / Paraffin (pretreatment with microwave required, see protocol under www.bma.ch)
Suggested positive control:	human brain cortex
Immunogen:	DNA vaccine.
Antigen, epitope:	The specificity of the antibody was verified by flow cytometry with cells expressing the recombinant protein. The epitope was not further characterized.

This product contains Kathon as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to reverse engineer any part thereof, nor to use it in diagnostic or therapeutic applications.