



**BMA BIOMEDICALS**

BMA BIOMEDICALS  
Rheinstrasse 28-32  
CH-4302 Augst (Switzerland)  
Phone: ++41 61 811 6222  
Fax: ++41 61 811 6006  
info@bma.ch  
www.bma.ch

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**Monoclonal Antibody To Human GPR19**  
**G-Protein Coupled Receptor 19; GPR-NGA; UniProt: Q15760**

G-protein coupled receptor 19 (GPR19 or GPR-NGA) is a 415 amino acid protein with two potential glycosylation sites and one disulfide bond that belongs to the G-protein coupled receptor 1 family. The gene encoding GPR19 was found to be overexpressed with small cell lung cancer and metastatic melanomas, but also with human embryonic stem cells. Expression of the protein has been found in the brain and in testis of adult mice.

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**Product number: T-1216**

**Clone: 1B5**

**Lot: 01PO1219**

**TECHNICAL AND ANALYTICAL CHARACTERISTICS:**

<b>Host species; subclass:</b>	Mouse IgG1, kappa light chain
<b>Quantity:</b>	200µg
<b>Purification / Physical State:</b>	Protein G purified, lyophilized
<b>Format:</b>	Affinity purified from serum-free cell culture supernatant, lyophilized Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/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.
<b>Storage and stability:</b>	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.
<b>Approximate working dilution:</b>	optimal dilution should be tested by serial dilution.
Immune Histochemistry:	2-4µg/ml (1:100-1:200)
Fixation:	Acetone; Formalin / Paraffin (pretreatment with microwave required, see protocol under <a href="http://www.bma.ch">www.bma.ch</a> )
<b>Suggested positive control:</b>	human brain cortex
<b>Immunogen:</b>	Peptide conjugate.
<b>Antigen, epitope:</b>	The specificity of the antibody was verified by flow cytometry with cells expressing the recombinant protein. The epitope is located in the N-terminal portion. For an illustration of the expression pattern please go to <a href="http://www.bma.ch">www.bma.ch</a> .

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

T-1216

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25.10.2012