



BMA BIOMEDICALS

Monoclonal Antibody To Human GPR19 G-Protein Coupled Receptor 19; GPR-NGA

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.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Product Number:	T-1216 (Lot 01PO1219)
Clone:	1B5
Host species, isotype:	Mouse IgG1, kappa light chain
Quantity:	200µg
Format:	Protein G purified, lyophilized. Affinity purified from serum-free cell culture supernatant. 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% (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); has been described to work in FACS, Western Blots and functional studies. Approximate working dilution for IHC: Paraffin sections: 2-4µg/ml (1:100 - 1:200). 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:	Peptide conjugate
Protein database:	<u>human-Q15760</u>
Antigen, epitope:	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 in vitro research only. This product contains Kathon™ CG as a preservative.