



BMA BIOMEDICALS

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

Monoclonal Antibody To Human GPR77

**G-Protein Coupled Receptor 77; C5a Anaphylatoxin Chemotactic Receptor
C5L2; UniProt: Q9P296**

GPR77 or C5L2 is a 337 amino acid protein that belongs to the G-protein coupled receptor 1 family, with a potential glycosylation site and one disulfide bond. Phagocytes and kidney tissue have shown differential regulation of C5L2 and the other C5a receptor, CD88. The two receptors for C5a appear to have distinct functional roles.

Product number: T-1218

Clone: 1A6

Lot: 01PO1221

TECHNICAL AND ANALYTICAL CHARACTERISTICS:

Host species; subclass:	Mouse IgG2a, kappa light chain
Quantity:	200µg
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 0.4mg/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.
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:	2µg/ml (1:200)
Fixation:	Formalin / Paraffin (pretreatment with microwave required, see protocol under www.bma.ch)
Suggested positive control:	human hippocampus
Immunogen:	DNA vaccine.
Antigen, epitope:	The specificity of the antibody was verified by flow cytometry with cells expressing the recombinant protein. The epitope has not been further characterized. For an illustration of the expression pattern please go to www.bma.ch .

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.