



BMA BIOMEDICALS

Monoclonal Antibody To Human GPR77

G-Protein Coupled Receptor 77; C5a Anaphylatoxin Chemotactic Receptor C5L2;

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. C5L2 is a receptor for complement C5a anaphylatoxin. Phagocytes and kidney tissue have shown differential regulation of C5L2 and the other C5a receptor, CD88. These two receptors for C5a are not only biochemically different but appear also to have distinct functional roles. (Please note: anti CD88 is BMA product nr. T-1221).

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Product Number:	T-1218 (Lot 01PO1221)
Clone:	1A6
Host species, isotype:	Mouse IgG2a, kappa light chain
Quantity:	200µg
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 0.4mg/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). Approximate working dilution for IHC: Paraffin sections: 2µg/ml (1:200), pretreatment in microwave with citrate buffer for antigen retrieval is recommended Optimal dilutions should be determined by the end user Suggested positive control: Human hippocampus Please see www.bma.ch for protocols and general information
Immunogen:	DNA vaccine

Protein database:

human-Q9P296

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 in vitro research only. This product contains Kathon™ CG as a preservative.