



BMA BIOMEDICALS

Monoclonal Antibody To Human C5aR (CD88)

C5a Anaphylatoxin Chemotactic Receptor

C5aR is a 350 amino acid, 45kDa member of the G-protein coupled receptor 1 family (GPCR) that interacts with C5a with very high binding affinity and, to a lesser extent, with C5adesArg. It is a seven-membrane-spanning receptor found on neutrophils (PMN) and macrophages, and on a variety of other cell types such as endothelial cells, alveolar epithelial cells and Kupffer cells. C5aR is biochemically and apparently also functionally different from the other receptor for C5a, C5L2. (Please note: anti C5L2 is BMA product T-1218).

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Product Number:	T-1221 (Lot 01PO1303)
Clone:	3C6
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: 4µg/ml (1:100), pretreatment with Proteinase K for antigen retrieval is recommended Optimal dilutions should be determined by the end user Suggested positive control: Human placenta Please see www.bma.ch for protocols and general information

Immunogen:	DNA vaccine
Protein database:	<u>human-P21730</u>
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.