



BMA BIOMEDICALS

Polyclonal Antibody To Mouse CD88, Complement C5a Receptor Chicken Anti C5a Anaphylatoxin Chemotactic Receptor

The complement C5a anaphylatoxin receptor (C5aR, CD88) is a seven-transmembrane G-protein coupled chemoattractant receptor that mediates numerous cellular responses. C5aR can be detected in various levels in practically all tissues. The antibody was generated against the *cytoplasmic* carboxy-terminal portion of the mouse C5aR and strongly cross-reacts with rat tissue.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Product Number:	T-2302 (Lot 02AP21112)
Clone:	Polyclonal antibody
Host species, isotype:	Chicken IgY
Quantity:	100µg
Format:	Affinity purified, liquid. Supplied as a 0.1ml solution. This stock solution contains 1mg/ml IgY, phosphate buffered saline pH 7.2 (PBS), and 0.1% sodium azide as a preservative.
Stability:	Original vial: 6 months at 4° - 8°C from date of purchase.
Applications:	Tested for immunohistochemistry (IHC). Approximate working dilution for IHC: Frozen sections: 1µg/ml (1:1000) Paraffin sections: not tested. Optimal dilutions should be determined by the end user. Suggested positive control: brain. Please see www.bma.ch for protocols and general information.
Immunogen:	Synthetic C-terminal peptide coupled to carrier protein
Protein database:	mouse-P30993
Antigen, epitope:	Cytoplasmic domain of mouse C5aR.
Specificity:	Mouse, rat; others not tested.

Selected references

Hopken, U.E. et al.: Nature 383: 86-89 (1996)

Schieferdecker, H.L. et al.: FEBS Letters 406: 305-309 (1997)

Paradisis, P.M. et al.: Glia 24: 338-345 (1998)

Osaka, H. et al.: Neuroscience 88: 1073-82 (1999)

Mukherjee, P. & Pasinetti, G.M.: J. Neuroimmunol. 105: 124-130 (2000)

For in vitro research only. This product contains sodium azide as a preservative.