



## Peninsula Laboratories, LLC

A Member of the Bachem Group

305 Old County Road, San Carlos, CA 94070

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### 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.

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<b>Product Number:</b>	T-2302
<b>Clone:</b>	Polyclonal antibody
<b>Host species, isotype:</b>	Chicken IgY
<b>Quantity:</b>	100µg
<b>Format:</b>	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.
<b>Stability:</b>	Stock solution or aliquots of thereof: 6 months at 4° - 8°C.
<b>Applications:</b>	Tested for immunohistochemistry (IHC).  <b>Approximate working dilution for IHC:</b> Frozen sections: 1µg/ml (1:1000) Paraffin sections: not tested. Optimal dilutions should be determined by the end user.  Suggested positive control: brain.
<b>Immunogen:</b>	Synthetic C-terminal peptide coupled to carrier protein.
<b>Antigen, epitope:</b>	Cytoplasmic domain of mouse C5aR.
<b>Specificity:</b>	Mouse, rat; others not tested.



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### **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. Caution: this product contains sodium azide, a poisonous and hazardous substance.