

## Product datasheet for **AM31865PU-N**

### **C5R1 (C5AR1) Rat Monoclonal Antibody [Clone ID: 8D6]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	8D6
<b>Applications:</b>	FC
<b>Recommended Dilution:</b>	Flow Cytometry. Immunohistochemistry on frozen sections. Rezeptor blockage assays (unpublished results).
	<u>Tissue Distribution by Flow Cytometry Analysis:</u> Cell Source: Human PBL Cell Concentration: 1x10e6 cells per test Antibody Concentration Used: 1.0 µg/10e6 cells Secondary Antibody: Streptavidin FITC 1/500 dilution
<b>Reactivity:</b>	Human
<b>Host:</b>	Rat
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	RBL-2H3 (rat basophilic leukemia) transfected cells expressing human C5aR on the cell surface <u>Donor:</u> Lou/c rat spleen cells
<b>Specificity:</b>	This monoclonal antibody detects an epitope on the N terminus (aa 1-15) of the human C5a receptor (also known as CD88) found on human myeloid cells including granulocytes and monocytes/macrophages. It does not bind to tubular epithelial cells in situ under normal or inflammatory conditions. C5aR binds to C5a, a 74 aa peptide cleaved from complement protein C5. C5a receptor has seven transmembrane segments and is a member of the rhodopsin subfamily of G protein coupled receptors.
<b>Formulation:</b>	PBS containing 0.02% sodium azide (NaN <sub>3</sub> ) as preservative State: Purified State: Liquid purified Ig fraction
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity chromatography on Protein G



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<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	complement component 5a receptor 1
<b>Database Link:</b>	<a href="#">Entrez Gene 728 Human P21730</a>
<b>Synonyms:</b>	C5a-R, C5aR, C5AR1, Complement Component 5a Receptor 1
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Protein Pathways:</b>	Complement and coagulation cascades, Neuroactive ligand-receptor interaction