

## Product datasheet for **AM26721PU-N**

### **C5L2 (C5AR2) Mouse Monoclonal Antibody [Clone ID: 1A6]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	1A6
<b>Applications:</b>	IHC
<b>Recommended Dilution:</b>	Immunohistochemistry on paraffin sections: 2 µg/ml (1/200); pretreatment with microwave required. <i>Positive control: human hippocampus.</i>
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	DNA vaccine
<b>Specificity:</b>	This antibody detects Human GPR77.
<b>Formulation:</b>	Phosphate buffered saline pH 7.2 (PBS)  State: Purified State: Lyophilized affinity purified Ig fraction Stabilizer: 5mg/ml bovine serum albumin (BSA) Preservative: 0.1% Kathon
<b>Reconstitution Method:</b>	Restore by adding 0.5 ml distilled water
<b>Concentration:</b>	0.4 mg/ml IgG (after reconstitution)
<b>Purification:</b>	Protein G Chromatography
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store lyophilized at 2-8°C for 6 month or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	complement component 5a receptor 2



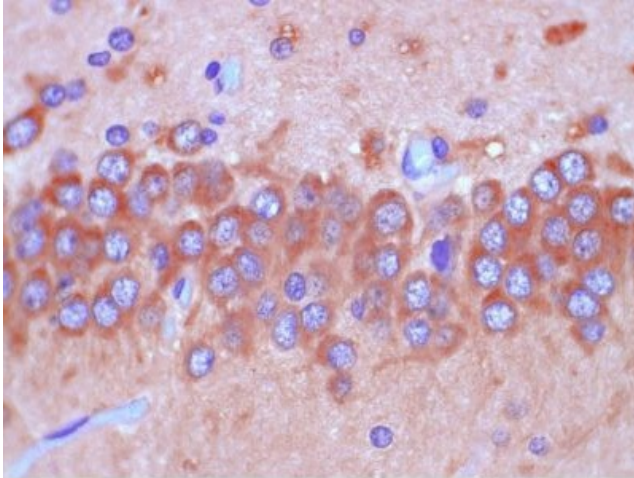
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Database Link: [Entrez Gene 27202 Human Q9P296](#)

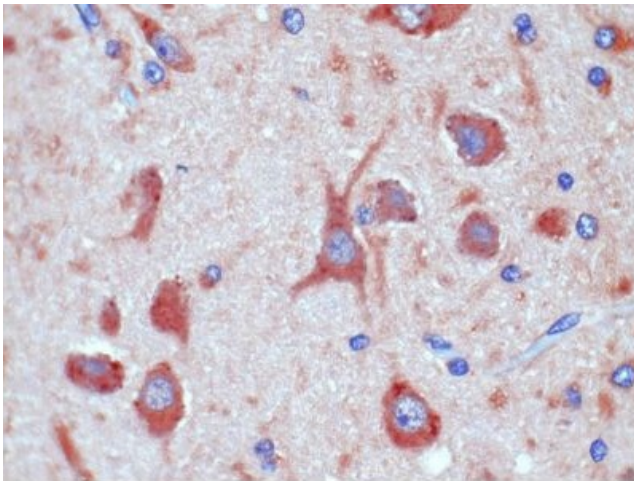
**Background:** GPR77 or C5L2 is a 337 amino acid protein that belongs to the G - protein coupled receptor 1 family, with a potential glycosylation site and one disulfide bond. Phagocytes and kidney tissue have shown differential regulation of C5L2 and the other C5a receptor, CD88. The two receptors for C5a appear to have distinct functional roles.

**Synonyms:** G-protein coupled receptor 77

**Product images:**



Immunohistochemistry on paraffin sections:  
Staining with AM26721PU-N on Human hippocampus.



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