

Product datasheet for **AM26723PU-N**

C5R1 (C5AR1) Mouse Monoclonal Antibody [Clone ID: 3C6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3C6
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 4 µg/ml (1/100). Pretreatment with Proteinase K is required. Positive Control: Human placenta.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	DNA vaccine
Specificity:	This antibody detects Human C5aR (CD88). The specificity of the antibody was verified by flow cytometry with cells expressing the recombinant protein. The epitope has not been further characterized.
Formulation:	Phosphate buffered saline pH 7.2 (PBS) State: Purified State: Lyophilized purified Ig fraction Stabilizer: 5 mg/ml BSA Preservative: 0.1% Kathon
Reconstitution Method:	Restore by adding 0.5 ml distilled water.
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Gene Name:	complement component 5a receptor 1



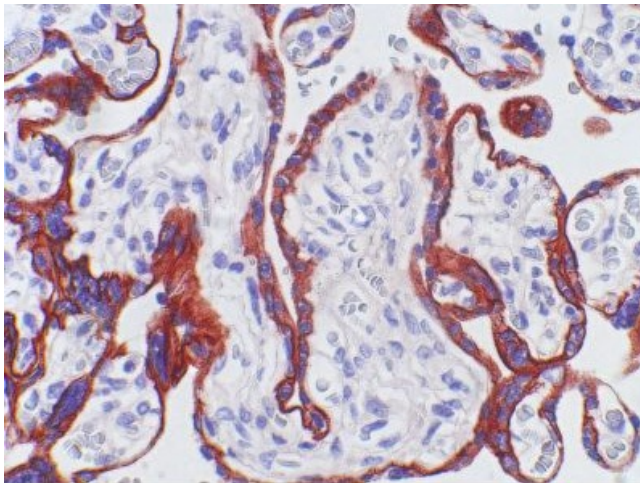
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Database Link: [Entrez Gene 728 Human P21730](#)

Background: 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.

Synonyms: C5a-R, C5aR, C5AR1, Complement Component 5a Receptor 1

Product images:



Human placenta paraffin sections stained with AM26723PU-N.