

Product datasheet for **TA386390**

C5R1 (C5AR1) Mouse Monoclonal Antibody [Clone ID: S5/1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	S5/1
Applications:	BI, ELISA, FC, FN, IP, WB
Reactivity:	Human, Rabbit, Cow, Ferret
Host:	Mouse
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunizing mice with a synthetic peptide corresponding to C5a-R; amino acids: 1-31 (N terminal).
Specificity:	<p>S5/1 antibody recognizes the C5aR (CD88) protein, a 43 kDa receptor of C5a component of the complement cascade.</p> <p>S5/1 antibody inhibits C5a binding to its receptor C5aR (Oppermann et al., 1993). Furthermore, this antibody has been widely applied in the detection and analysis of C5aR via various methods. For instance, it was used in a flow cytometric study on peripheral blood lymphocytes where it was shown to bind to monocytes and granulocytes (Oppermann et al., 1993). It was also utilized in the Western blot experiments comparing C5aR expression in different groups of mice (Panayiotou et al., 2017). S5/1 was also successful in labelling C5aR in the paraffin-embedded immunohistochemical samples of umbilical arteries (Fortin et al., 2002).</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	complement component 5a receptor 1
Database Link:	Entrez Gene 728 Human P21730



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Synonyms: C5A; C5a-R; C5AR; C5R1; CD88