

Product datasheet for **TA386392**

C5R1 (C5AR1) Mouse Monoclonal Antibody [Clone ID: 32-G1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	32-G1
Applications:	IF, WB
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunizing mice a synthetic C5aR C-terminal phosphopeptide that contained phosphoserine instead of serine at position 334 and also at the neighboring phosphorylation sites Ser-332 and Ser-338.
Specificity:	<p>The 32-G1 antibody recognizes C5aR which has its serine 334 phosphorylated. The mAb 32-G1 reacted specifically with a C5aR peptide that contained phosphoserine 334 and also reacted with C5aRs that were isolated from C5a-stimulated, transfected RBL-C5aR cells. It did not recognize a receptor mutant (C5aR-S-) with alanine replacement of all six C-terminal serine phosphorylation sites (Pollok-Kopp et al., 2007). Antibody 32-G1 specifically reacts with C5aR phosphoserine 334, independent of the phosphorylation state of the neighboring serine residues (Pollok-Kopp et al., 2007). Studies with Bt2cAMP-treated U937 cells show that 32-G1 specifically reacts with ligand-activated C5aR at endogenous receptor expression levels but only weakly recognizes C5aR isolated from unstimulated cells (Pollok-Kopp et al., 2007).</p> <p>The 32-G1 antibody is recommended for the detection and analysis of C5aR (CD88) phosphorylated on Ser-334. For instance, this antibody was successfully used in the identification of C5aR protein in a U937 cell lysate via Western blot (Pollok-Kopp et al., 2007).</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.



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Gene Name: complement component 5a receptor 1

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

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