

Product datasheet for **AM01270RP-N**

CD88 / C5R1 Rat Monoclonal Antibody [Clone ID: 20/70]

Product data:

Product Type:	Primary Antibodies
Clone Name:	20/70
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat-1/10 diluted antibody to label 10e6 cells in 100 µl. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	RBL-2H3 transfected cells expressing murine C5aR
Specificity:	This antibody recognises CD88. Clone 20/70 has been reported to block the binding of the C5a to murine CD88. We recommend the use of AM01270LE-N for this purpose.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: PE State: Lyophilized purified IgG fraction. Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1 ml distilled water.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	PE
Storage:	Store the antibody undiluted Prior to and Following Reconstitution at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	complement component 5a receptor 1



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Database Link: [Entrez Gene 12273 Mouse P30993](#)

Background: CD88 is a 45kD G-protein coupled cell surface receptor, which is otherwise known as C5aR. The CD88 molecule functions as a receptor for the complement component C5a, which is a potent proinflammatory molecule and a chemoattractant for neutrophils to sites of infection. In mouse, CD88 is expressed on granulocytes, monocytes and macrophages but not on resting or stimulated lymphocytes.

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