

## Product datasheet for **AM01270PU-S**

### 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: 1/50 - 1/100; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	RBL-2H3 transfected cells expressing murine C5aR. Cells from immunised Lou/c were fused with cells of the X63-Ag8.653 myeloma cell line.
Specificity:	This antibody recognises murine CD88.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	complement component 5a receptor 1
Database Link:	<a href="#">Entrez Gene 12273 Mouse P30993</a>



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- 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
- Note:** Clone 20/70 has been reported to block the binding of the C5a to murine CD88.