



Anti-C5AR1 monoclonal antibody, clone R63 [R-PE] (CABT-46855MR)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Rat CD88 antibody, clone R63 recognizes the rat CD88 cell surface receptor, also known as C5aR, which functions as a receptor for the C5a fragment of the complement factor C5. CD88 is expressed by cells of the myeloid lineage such as monocytes and macrophages. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul
Specificity	CD88
Immunogen	Transfectants expressing rat CD88
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	R63
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Store at +4°C. DO NOT FREEZE This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	C5ar1 complement component 5a receptor 1 [Rattus norvegicus (Norway rat)]
Official Symbol	C5AR1
Synonyms	C5AR1; complement component 5a receptor 1; C5r1; C5a anaphylatoxin chemotactic receptor 1; C5aR; C5a-R; complement C5a receptor; complement component 5, receptor 1; CD88;
Entrez Gene ID	113959
Protein Refseq	NP_446071
UniProt ID	P97520
Chromosome Location	1q12
Pathway	Class A/1 (Rhodopsin-like receptors); Complement and Coagulation Cascades; Complement and coagulation cascades; Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding;
Function	C5a anaphylatoxin receptor activity; complement component C5a binding; complement component C5a receptor activity;