



Anti-C5AR1 monoclonal antibody, clone P12/1 [FITC] (CABT-46828MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD88 antibody, clone P12/1 recognizes the C5a receptor (C5aR) CD88, which is predominantly expressed on cells of the myeloid lineage. Clone P12/1 was raised against a synthetic peptide comprising the N-terminal extracellular domain of the C5aR (met1-Asn31). Mouse anti Human CD88 antibody, clone P12/1 does not inhibit the binding of C5a to its receptor. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	C5AR1
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human, Rhesus monkey
Clone	P12/1
Conjugate	FITC
Applications	FC
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	100 µg
Preservative	See individual product datasheet
Storage	in frost free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	C5AR1 complement component 5a receptor 1 [Homo sapiens (human)]
Official Symbol	C5AR1
Synonyms	C5AR1; complement component 5a receptor 1; C5A; C5AR; C5R1; CD88; C5a anaphylatoxin chemotactic receptor 1; C5a-R; C5a ligand; C5a anaphylatoxin receptor; complement component 5 receptor 1;
Entrez Gene ID	728
Protein Refseq	NP_001727
UniProt ID	P21730
Chromosome Location	19q13.3-q13.4
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;