

30-1531: Anti-CD88 / C5aR Monoclonal Antibody (Clone:S5/1)Purified

Clonality :	Monoclonal
Clone Name :	S5/1
Application :	FACS
Reactivity :	Human
Gene :	C5AR1
Gene ID :	728
Uniprot ID :	P21730
Format :	Purified
Alternative Name :	C5AR1,C5AR,C5R1
Isotype :	Mouse IgG2a
Immunogen Information :	Recombinant N-terminal peptide (Asp15-Asp27) of human C5aR

Description

CD88 / C5aR is a G protein-coupled seven membrane-spanning protein serving as a receptor for C5a component of the complement cascade, and is expressed mainly by monocytes, macrophages, neutrophils, eosinophils, and mast cells, but also e.g. by hepatocytes, glial cells, vascular endothelial cells, or cardiomyocytes. The binding of C5a to CD88 is associated with inflammatory response, including superoxide anion production, chemotaxis, and increased production of acute phase proteins. Expression of CD88 on synovial mast cells and their C5a-mediated degranulation plays a role in pathogenesis of rheumatoid arthritis.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

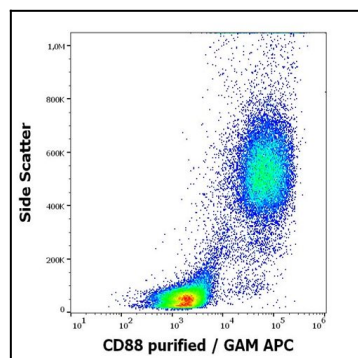


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD88 (S5/1) purified antibody (GAM APC).

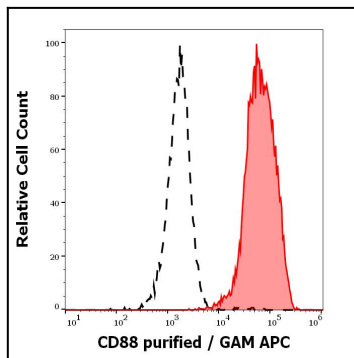


Figure 2: Separation of human neutrophil granulocytes (red-filled) from lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD88 (S5/1) purified antibody (GAM APC).