

Mouse anti-Human CD68 Monoclonal Antibody | anti-CD68 antibody

Mouse Anti Human CD68: RPE

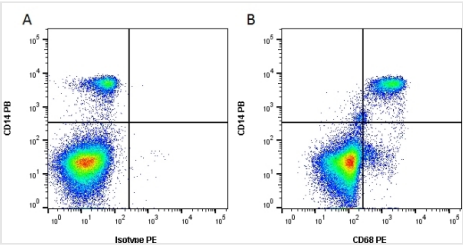
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50359	Mouse	Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD68; Monoclonal Antibody; Mouse Anti Human CD68: RPE; CD68 antibody (Y1/82A); Mouse anti Human CD68; anti-CD68 antibody

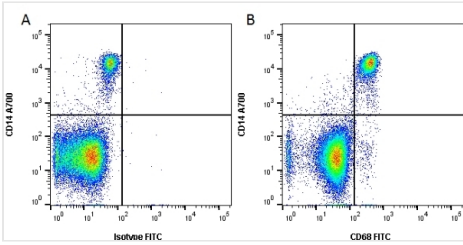
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	Y1/82A
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Form/Format	Liquid; Phosphate Buffered Saline
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	354
Applicable Applications for anti-CD68 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Phytohaemagglutinin stimulated peripheral blood mononuclear cells.
Conjugation	RPE
Carrier Free	Yes
Fusion Partners	Spleen cells from immunized Balb/c mice were fused with cells of the murine NS1 myeloma.
Preservative Stabilizers	0.09% Sodium Azide (NaN ₃)
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.



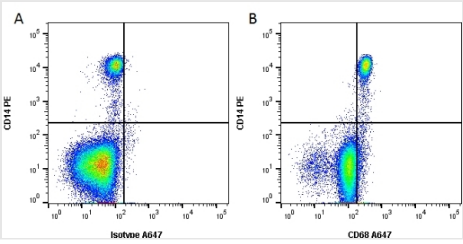
Application Data

Figure A. Pacific Blue conjugated Mouse anti Human CD14 and RPE conjugated Mouse IgG2b isotype control . Figure B. Pacific Blue conjugated Mouse anti Human CD14 and RPE conjugated Mouse anti Human CD68 . All experiments performed on red cell lysed human blood, fixed and permeabilized with Leucoperm (BUF09) gated on mononuclear cells in the presence of 10% human serum. Data acquired on the ZE5 Cell Analyzer.



Application Data

Figure A. Alexa Fluor 700 conjugated Mouse anti Human CD14 and FITC conjugated Mouse IgG2b isotype control . Figure B. Alexa Fluor 700 conjugated Mouse anti Human CD14 and FITC conjugated Mouse anti Human CD68 . All experiments performed on red cell lysed human blood, fixed and permeabilized with Leucoperm (BUF09) gated on mononuclear cells in the presence of 10% human serum. Data acquired on the ZE5 Cell Analyzer.



Application Data

Figure A. PE conjugated Mouse anti Human CD14 and Alexa Fluor 647 conjugated Mouse IgG2b isotype control . Figure B. PE conjugated Mouse anti Human CD14 and Alexa Fluor 647 conjugated Mouse anti Human CD68 . All experiments performed on red cell lysed human blood, fixed and permeabilized with Leucoperm (BUF09) gated on mononuclear cells in the presence of 10% human serum. Data acquired on the ZE5 Cell Analyzer.

ADDITIONAL INFORMATION

Related Product Information for anti-CD68 antibody	Mouse anti Human CD68 antibody, clone Y1/82A recognizes the human CD68 cell surface antigen, a ~110 kDa glycoprotein primarily expressed by macrophages and monocytes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	298665
NCBI GeneID	968
UniProt Accession #	P34810
NCBI Official Full Name	CD68
NCBI Official Synonym Full Names	CD68 molecule
NCBI Official Symbol	CD68
NCBI Official Synonym Symbols	GP110; LAMP4; SCARD1
NCBI Protein Information	macrosialin
UniProt Protein Name	Macrosialin
UniProt Gene Name	CD68
UniProt Entry Name	CD68_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.