

Mouse anti-Mouse CD64 Antibody | anti-CD64 antibody

PE/Cyanine5 Anti-Mouse CD64 Antibody[X54-5/7.1]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174766	Mouse	Mouse	Flow Cytometry, Functional Assay

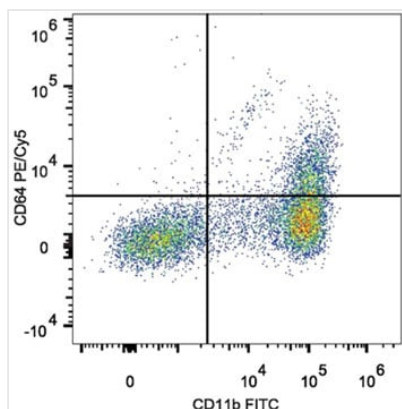
PRODUCT SYNONYMS

CD64; PE/Cyanine5 Anti-Mouse CD64 Antibody[X54-5/7.1]; Fcg1; Fcgr1; FcRI; IgG Fc receptor I; anti-CD64 antibody

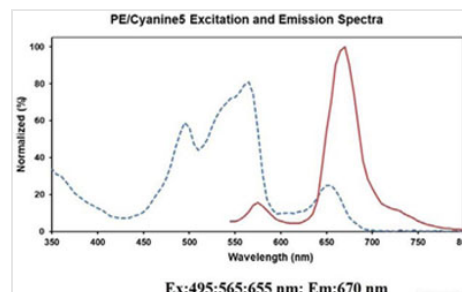
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse
Isotype	Mouse IgG1, kappa
Clone Number	X54-5/7.1
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Sequence Length	404
Applicable Applications for anti-CD64 antibody	FCM/FACS (Flow Cytometry)
Isotype Control	PE/Cyanine5 Mouse IgG1, kappa Isotype Control[MOPC-21]
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Recommended Usage	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. The amount of the reagent is suggested to be used 5 uL of antibody per test (million cells in 100 uL staining volume or per 100 uL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
Preparation and Storage	Keep as concentrated solution and store at 2~8°C, protected from prolonged exposure to light. Do not freeze. Avoid repeated freeze/thaw cycles. This product is guaranteed up to one year from purchase.

IMAGES


FCM/FACS (Flow Cytometry)

C57BL/6 murine bone marrow cells are stained with PE/Cyanine5 Anti-Mouse CD64 Antibody and FITC Anti- Mouse CD11b Antibody.


Fluorophore

Conjugation: PE/Cyanine5

ADDITIONAL INFORMATION

Related Product Information for anti-CD64 antibody	CD64 is a 72 kD single chain type I glycoprotein also known as FcγRI and FcRI. CD64 is a member of the immunoglobulin superfamily and is expressed on monocytes/macrophages, dendritic cells, and mast cells. The expression can be upregulated by IFN-γ stimulation. CD64 binds IgG immune complex. It plays a role in antigen capture, phagocytosis of IgG/antigen complexes, and antibody-dependent cellular cytotoxicity (ADCC).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	182888429
UniProt Accession #	P26151
NCBI Official Full Name	Fc receptor, IgG, high affinity I
UniProt Protein Name	High affinity immunoglobulin gamma Fc receptor I
UniProt Gene Name	Fcgr1
UniProt Synonym Gene Names	Fcg1; IgG Fc receptor I; FcRI
UniProt Entry Name	FCGR1_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-mouse-antibody/cd64/174766>