

Purified Mouse Anti Human CD64 Antibody (PTF0068)

CatalogNo: YF0068 **Recombinant** 

Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- IF,FC

Isotype

- Mouse IgG1/Kappa

Storage

Storage*

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Formulation

PBS, pH 7.4

Recommended Dilution Ratios

IF 1:200-1:1000

FC:1 µg per million cells in 100 µl volume. For optimal results, the reagent should be titrated according to each specific application

Basic Information

Clonality

Monoclonal

Clone Number

PTF0068

Immunogen Information

Immunogen

The specific immunogen used to produce this antibody is proprietary information.

Specificity

Endogenous

Target Information

Gene name FCGR1A FCG1 FCGR1 IGFR1

Protein Name High affinity immunoglobulin gamma Fc receptor I (IgG Fc receptor I) (Fc-gamma RI) (FcRI) (Fc-gamma R1A) (FcgammaRIa) (CD antigen CD64)

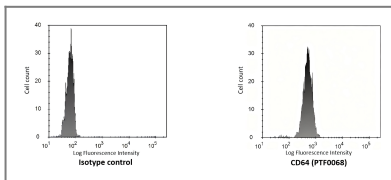
Organism	Gene ID	UniProt ID
Human	2209;	P12314;

Cellular Localization Cell membrane ; Single-pass type I membrane protein . Stabilized at the cell membrane through interaction with FCER1G.

Tissue specificity Monocyte/macrophage specific.

Function Function:High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses. ,online information:FCGR1A mutation db ,PTM:N-glycosylated. ,PTM:Phosphorylated on serine residues. ,similarity:Belongs to the immunoglobulin superfamily. FCGR1 family. ,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains. ,subcellular location:Stabilized at the cell membrane through interaction with FCER1G. ,subunit:Interacts with FCER1G; forms a functional signaling complex. Interacts with FLNA; prevents FCGR1A degradation. Interacts with EPB41L2 , LAT and PPL. ,tissue specificity:Monocyte/macrophage specific. ,

Validation Data



Human peripheral blood lymphocytes stained with Mouse IgG1, κ isotype control or purified CD64 (PTF0068) , followed by anti-mouse IgGs-PE

Contact information

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