

For Research Use Only

Biotin Anti-Human CD68 (KP1) Mouse IgG2a Recombinant Antibody

Catalog Number: Biotin-65593



Basic Information

Catalog Number:

Biotin-65593

Size:

100ug, 500 µg/ml

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC015557

GeneID (NCBI):

968

Full Name:

CD68 molecule

Calculated MW:

37 kDa

Purification Method:

Protein A purification

CloneNo.:

KP1

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Background Information

CD68 is a type I transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It belongs to the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family and primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. CD68 is also a member of the scavenger receptor family. It may play a role in phagocytic activities of tissue macrophages.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:

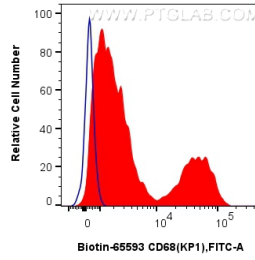
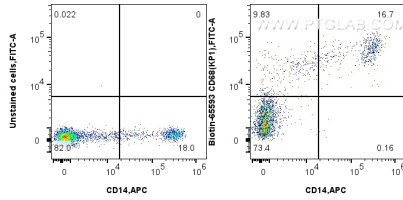
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Selected Validation Data



1x10⁶ human PBMCs were intracellularly stained with 0.25 ug Biotin Anti-Human CD68 (KP1) Mouse IgG2a RecAb (Biotin-65593, Clone: KP1) and CoraLite®488-conjugated streptavidin, or unstained. Cells were co-stained with APC Anti-Human CD14 Rabbit Recombinant Antibody (APC-98040, Clone: 230332D7). Cells were incubated with FC Receptor Block prior to staining. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1x10⁶ human PBMCs were intracellularly stained with 0.25 ug Biotin Anti-Human CD68 (KP1) Mouse IgG2a RecAb (Biotin-65593, Clone: KP1) and CoraLite®488-conjugated streptavidin (red), or unstained (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).