For Research Use Only

# CoraLite®594 Anti-Human CD68 (KP1) Mouse IgG2a Recombinant Antibody

Catalog Number:CL594-65593

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

## Basic Information

Catalog Number:
CL594-65593

Size:
100tests , 5 ul/test

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

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

## Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

## Background Information

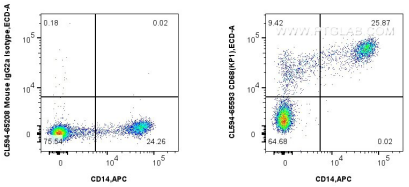
CD68 is a type I transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It belongs to the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family and primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface.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

## Storage

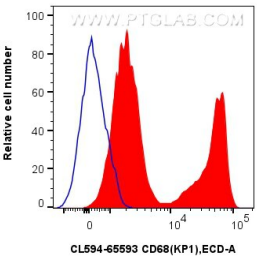
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

## Selected Validation Data




1x10^6 human PBMCs were intracellularly stained with APC Anti-Human CD14 Rabbit Recombinant Antibody (APC-98040, Clone: 230332D7), and 5 ul CoraLite®594 Anti-Human CD68 (KP1) Mouse IgG2a RecAb (CL594-65593, Clone:KP1) or CoraLite®594 Mouse IgG2a Isotype Control (C1.18.4) (CL594-65208, Clone: C1.18.4). Cells were incubated with FC Receptor Block prior to staining. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm




1x10^6 human PBMCs were intracellularly stained with 5 ul CoraLite®594 Anti-Human CD68 (KP1) Mouse IgG2a RecAb (CL594-65593, Clone: KP1) (red) or CoraLite®594 Mouse IgG2a Isotype Control (C1.18.4) (CL594-65208, Clone: C1.18.4) (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).