Anti-Human CD68 (KP1) Rabbit IgG Recombinant Antibody

Catalog Number:65515-1-RR   **1 Publications**

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Basic Information

Catalog Number:
65515-1-RR

Size:
100ug, 0.5 mg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC015557

GeneID (NCBI):
968

UNIPROT ID:
P34810

Full Name:
CD68 molecule

Calculated MW:
37 kDa

Purification Method:
Affinity purification

CloneNo.:
KP1

Applications

Tested Applications:
FC (Intra)

Cited Applications:
WB, IHC

Species Specificity:
Human

Cited Species:
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.

Notable Publications

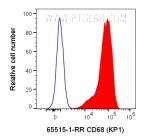| Author	Pubmed ID	Journal	Application
Xuan Wang	38844271	Gene	IHC,WB

Storage

Storage:
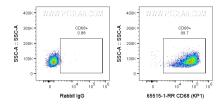Store at 2-8℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide.

Selected Validation Data

1x10^6 human PBMCs were intracellularly stained with 0.1 ug Anti-Human CD68 Rabbit Recombinant Antibody (65515-1-RR, Clone:KP1) or Rabbit IgG control Rabbit PolyAb and CoraLite®647-Conjugated Goat Anti-Rabbit IgG(H+L) at dilution 1:1000. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011) and treated with FC Receptor Block prior to staining. Monocytes were gated.

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