

For Research Use Only

Atlantic Blue™ Anti-Human CD68 (KP1)



Catalog Number: **AB-65202**

Basic Information

Catalog Number:

AB-65202

Size:

100 tests, 5 µl / test

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC015557

GeneID (NCBI):

968

UNIPROT ID:

P34810

Full Name:

CD68 molecule

Calculated MW:

37 kDa

Purification Method:

Protein G purification

CloneNo.:

KP1

Excitation/Emission maxima wavelengths:

404 nm / 458 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:

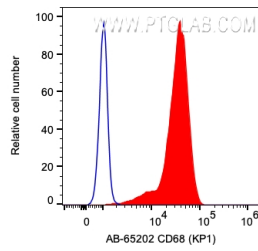
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E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ human PBMCs were intracellularly stained with 5 ul Atlantic Blue™ Anti-Human CD68 (AB-65202, Clone:KP1). Cells were fixed with 4% PFA and permeabilized with Intracellular Staining Permeabilization Wash Buffer. Monocytes were gated.