For Research Use Only

CoraLite® Plus 405 Anti-Human CD68 (Y1/82A)



Catalog Number: CL405-65187

Basic Information

Catalog Number:

CL405-65187

Size:

100tests, 5 ul/test

Source: Mouse

Isotype: IgG2b, kappa Full Na CD68 n Calcula 37 kDa

GenBank Accession Number:

BC015557 GeneID (NCBI):

968

UNIPROT ID: P34810 Full Name:

CD68 molecule
Calculated MW:

Purification Method: Affinity purification

CloneNo.: Y1/82A

Excitation/Emission maxima

wavelengths: 399 nm / 422 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

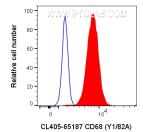
Storage:

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

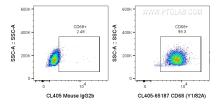
Storage Buffer

PBS with 0.09% sodium azide and 0.5% BSA.

Selected Validation Data



1X10^6 human PBMCs were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011) then stained with 5 ul CoraLite® Plus 405 Anti-Human CD68 (CL405-65187, Clone:Y1/82A), or CoraLite® Plus 405 Mouse IgG2b Isotype Control. Monocytes were gated.



1X10^6 human PBMCs were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011) then stained with 5 ul Coralite® Plus 405 Anti-Human CD68 (CL405-65187, Clone:Y1/82A), or Coralite® Plus 405 Mouse IgG2b Isotype Control. Monocytes were gated.