

For Research Use Only

Cardinal Red™ Anti-Human CD64 (10.1)



Catalog Number: **CR-65253**

Basic Information

Catalog Number: CR-65253	GenBank Accession Number: BC032634	Purification Method: Affinity purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 2209	CloneNo.: 10.1
Source: Mouse	Full Name: Fc fragment of IgG, high affinity Ia, receptor (CD64)	Excitation/Emission maxima wavelengths: 592 nm / 611 nm
Isotype: IgG1, kappa	Calculated MW: 374 aa, 43 kDa	

Applications

Tested Applications:
FC

Species Specificity:
Human

Background Information

Fcγ receptor comprise a multigene family of integral membrane glycoproteins that exhibit complex activation or inhibitory effects on cell functions after aggregation by complexed immunoglobulin G (IgG) (PMID: 17005690). CD64, also known as Fcγ R1A, is a high-affinity receptor for the Fc region of IgG. It is expressed by monocytes/macrophages, activated neutrophils, dendritic cells, and early myeloid cells (PMID: 23293080; 19642859; 7680917). CD64 functions in both innate and adaptive immune responses.

Storage

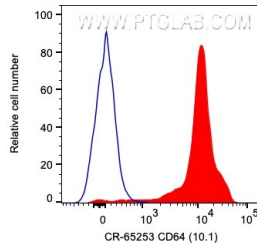
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

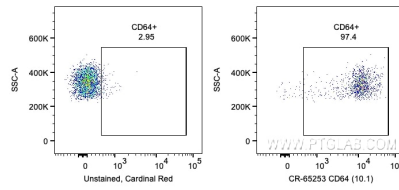
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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 surface stained with 5 ul Cardinal Red™ Anti-Human CD64 (CR-65253, Clone:10.1) (red) or unstained. Cells were not fixed. Monocytes were gated.



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