For Research Use Only

Anti-Human CD64 (10.1)

Catalog Number:65253-1-Ig

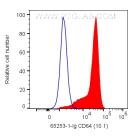


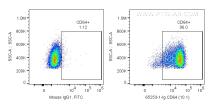
Basic Information	Catalog Number: 65253-1-lg	GenBank Accession Number: BC032634	Purification Method: Affinity purification
	Size: 100ug, 0.5 mg/mL	GenelD (NCBI): 2209	CloneNo.: 10.1
	Source: Mouse	ENSEMBL Gene ID: ENSG00000150337	
	lsotype: lgG1, kappa	UNIPROT ID: P12314	
		Full Name: Fc fragment of IgG, high affinity I receptor (CD64)	a,
		Calculated MW: 374 aa, 43 kDa	
Applications	Tested Applications: FC, ELISA		
	Species Specificity: Human		
Background Information	Fc γ 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 Fc γ RIA, 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. Stable for one year after shipment. Storage Buffer: PBS with 0.09% sodium azide.		

For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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

Selected Validation Data





1X10^6 human PBMCs were surface stained with 0.2 ug Anti-Human CD64 (65253-1-1g, Clone:10.1) and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000, or Coralite®488-Conjugated Mouse IgG1 Isotype Control. Cells were not fixed. Monocytes were gated.

1X10^6 human PBMCs were surface stained with 0.2 ug Anti-Human CD64 (65253-1-Ig, Clone:10.1) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or CoraLite®488-Conjugated Mouse IgG1 Isotype Control. Cells were not fixed. Monocytes were gated.