

For Research Use Only

CD14 Recombinant antibody, PBS Only



Catalog Number: 83055-6-PBS

Basic Information

Catalog Number:	83055-6-PBS	GenBank Accession Number:	BC010507	Purification Method:	Protein A purification
Size:	1mg/ml	GeneID (NCBI):	929	CloneNo.:	230332D4
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000170458		
Isotype:	IgG	UNIPROT ID:	P08571		
		Full Name:	CD14 molecule		
		Calculated MW:	375 aa, 40 kDa		

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

CD14 is a 50-55 kDa glycosylphosphatidylinositol-anchored glycoprotein preferentially expressed on monocytes and macrophages, and at lower levels on granulocytes (PMID: 3385210; 2462937; 7685797). CD14 can also exist as a soluble protein. CD14 acts as a co-receptor for bacterial liposaccharides (LPS) (PMID: 1698311). It plays a major role in the inflammatory response of monocytes to LPS.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

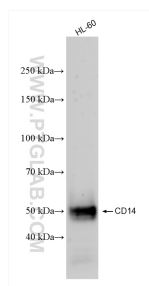
T: 4006900926

E: Proteintech-CN@ptglab.com

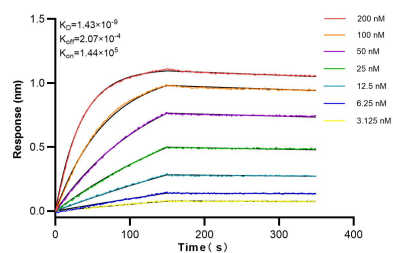
W: ptgcn.com

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Selected Validation Data



HL-60 cells were subjected to SDS PAGE followed by western blot with 83055-6-RR (CD14 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83055-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83055-6-RR against Human CD14 were performed. The affinity constant is 1.43 nM.