

For Research Use Only

CD14 Recombinant antibody, PBS Only (Capture)



Catalog Number: 83055-7-PBS

Basic Information

Catalog Number: 83055-7-PBS	GenBank Accession Number: BC010507	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 929	CloneNo.: 230332C5
Source: Rabbit	ENSEMBL Gene ID: ENSG00000170458	
Isotype: IgG	UNIPROT ID: P08571	
	Full Name: CD14 molecule	
	Calculated MW: 375 aa, 40 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83055-7-PBS targets CD14 as part of a matched antibody pair:

MP00058-4: 83055-7-PBS capture and 83055-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

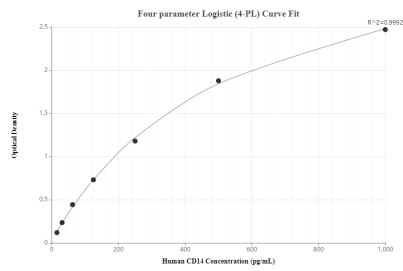
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

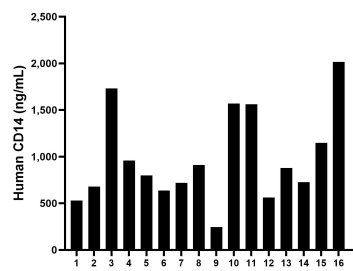
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

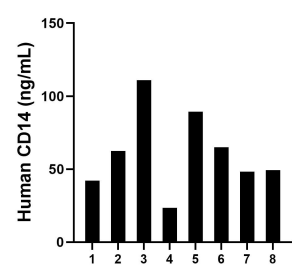
Selected Validation Data



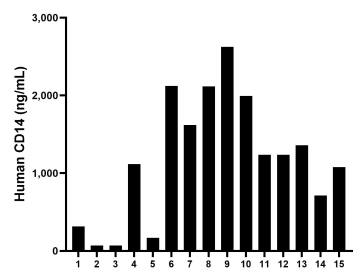
Sandwich ELISA standard curve of MP00058-4, CD14 Recombinant Matched Antibody Pair - PBS only. 83055-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0498. 83055-1-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



Plasma of sixteen individual healthy human donors was measured. The CD14 concentration of detected samples was determined to be 979.3 ng/mL with a range of 246.0 - 2015.1 ng/mL



Saliva of eight individual healthy human donors was measured. The CD14 concentration of detected samples was determined to be 61.4 ng/mL with a range of 23.6 - 110.8 ng/mL



Serum of fifteen individual healthy human donors was measured. The CD14 concentration of detected samples was determined to be 1189.4 ng/mL with a range of 69.0 - 2626.1 ng/mL