

For Research Use Only

CoraLite® Plus 405 Anti-Mouse CD14 Rabbit Recombinant Antibody

Catalog Number: CL405-98020



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL405-98020	NM_009841.4	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100ug , 500 ug/ml	12475	240225C2
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P10810	FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype:	Full Name:	Excitation/Emission maxima wavelengths:
IgG	CD14 antigen	399 nm / 422 nm
Immunogen Catalog Number:	Calculated MW:	
EG0847	39 kDa	

Applications

Tested Applications:	Positive Controls:
FC	FC : mouse peritoneal macrophages,
Species Specificity:	
mouse	

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.

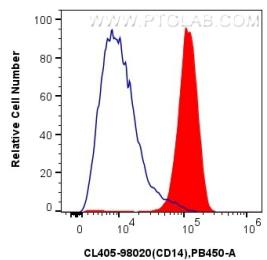
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

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 mouse peritoneal macrophages were surface stained with 0.25 ug Coralite® Plus 405 Anti-Mouse CD14 Rabbit RecAb (CL405-98020, Clone: 240225C2) (red) or 0.25 ug Coralite® Plus 405 Rabbit IgG Isotype Control Recombinant Antibody (CL405-98136, Clone: 240953C9) (blue). Cells were not fixed.