

For Research Use Only

CoraLite® Plus 405 Anti-Mouse CD14 Rabbit Recombinant Antibody

Catalog Number: CL405-98020



Basic Information

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

Applications

Tested Applications: FC	Positive Controls: 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:

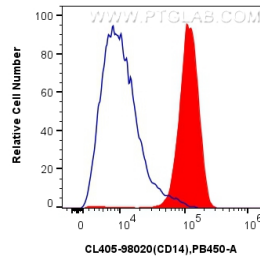
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.