

FcZero-rAb™ Human Monocyte Basics Panel

General Information

Catalog Number: PK30054

Stability and Storage: 1 year from receipt at 2 to 8°C

Formulation: PBS with 0.09% sodium azide and 0.5% BSA

Applications: FC

Reactivity: Human

Size: 100 tests, 5 µL each per 10⁶ cells

Panel Components

Fluorochrome (ex/em)	Catalog No.	Size	Target	Clone	Isotype	Description
Coralite Plus 750 (755 nm/780 nm)	CL750-FcA65570	100 tests 5 µL/test	CD3	UCHT1	Rabbit IgG	Negative on monocytes
PE (496, 565 nm/578 nm)	PE-FcA65560	100 tests 5 µL/test	HLA-DR	L243	Rabbit IgG	Monocyte marker
Coralite Plus 488 (493 nm/522 nm)	CL488-FcA98040	100 tests 5 µL/test	CD14	230332D7	Rabbit IgG	Monocyte marker
Coralite Plus 405 (399 nm/422 nm)	CL405-FcA65612	100 tests 5 µL/test	CD16	3G8	Rabbit IgG	Distinguishes Classical vs. non-Classical Monocytes
APC (650 nm/660 nm)	APC-FcA65572	100 tests 5 µL/test	CD64	10.1	Rabbit IgG	High expression on Classical Monocytes

Proteintech Group, Inc.

(HQ in North America)

5500 Pearl Street, Ste 400

Rosemont, IL 60018, USA

P +1 (888) 478-4522 (toll free in USA)

F +1 (773) 598-4321

+1 (847) 928-2189

E proteintech@ptglab.com

Proteintech Europe

P +44 161 839 3007

F +44 161 241 3103

E europe@ptglab.com

Proteintech China

E proteintech-CN@ptglab.com

Proteintech Singapore

P +65 9785 0861

E singapore@ptglab.com

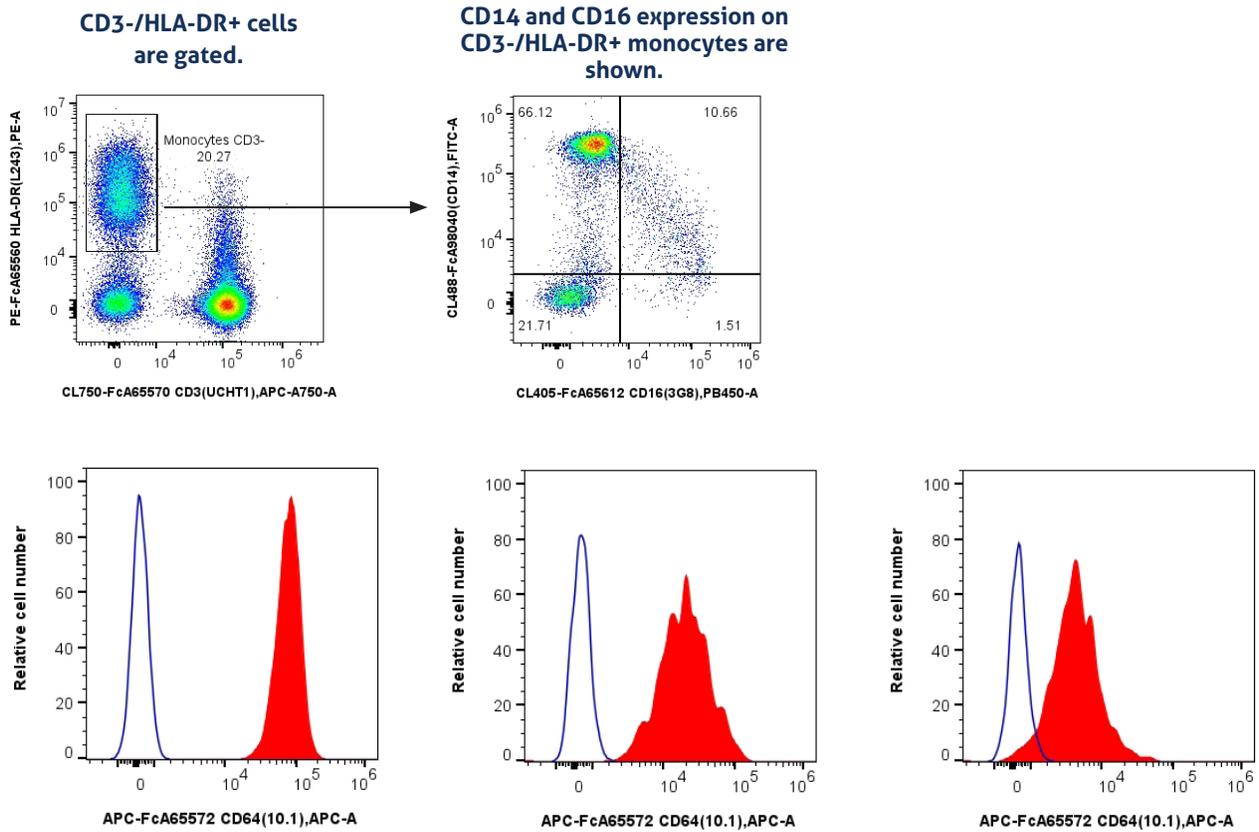
AB/405	FITC/488	PE/555	APC/647	750
CD16 (3G8)	CD14 (26IC)	HLA-DR (L243)	CD64 (10.1)	CD3 (UCHT1)

Product Description

Monocytes are immune cells that monitor for signals of infection or tissue damage and respond through phagocytosis and antigen presentation or differentiation into macrophages or dendritic cells.

This panel is designed for the investigation of Monocytes (CD14+/HLA-DR+) and for the further separation of the Monocyte population into Classical, Intermediate, and non-Classical Monocyte subpopulations.

Validation Data *Sample: Human PBMCs*



CD64 expression on CD14^{bright}/CD16⁻ (left), CD14⁺CD16⁺ (mid) and CD14^{dim}CD16⁺ (right) cells is shown. Parent population: CD3-/HLA-DR+ cells.

Find more
Flow Cytometry
Products



Download the
Flow Cytometry
Guide

