

For Research Use Only

FcZero-rAb® Mouse Macrophage

Basics Panel

Catalog Number: PK30055



www.ptglab.com

Description

Macrophages are effector cells of the innate immune system and play a major role in the immune response. Under different microenvironment conditions, macrophages can polarize into M1 (classically activated) and M2 (alternatively activated) macrophages.

This panel is designed for the investigation of mouse macrophages (CD11b+/F4/80+) and for the further investigation of the polarization of M1 and M2 macrophages.

Product Information

Fluorochrome (ex/em)	Catalog No	Size	Target	Clone	Isotype	Description
Coralite Plus 405 (399 nm/422 nm)	CL405-FcA98035	100 ug	CD45	240356D1	Rabbit IgG	Leukocyte marker
Coralite Plus 594 (594 nm/615 nm)	CL594-FcA65672	100 ug	CD11b	M1/70	Rabbit IgG	Macrophage marker
Coralite Plus 488 (493 nm/522 nm)	CL488-FcA98236	100 ug	F4/80	241959G4	Rabbit IgG	Macrophage marker
PE (496, 565 nm/578 nm)	PE-FcA98025	100 ug	CD86	230476B8	Rabbit IgG	M1 Macrophage marker
APC (650 nm/661 nm)	APC-FcA98031	100 ug	CD206	240344D12	Rabbit IgG	M2 Macrophage marker

5 antibodies (1 vial each), 100 ug per vial.

Package

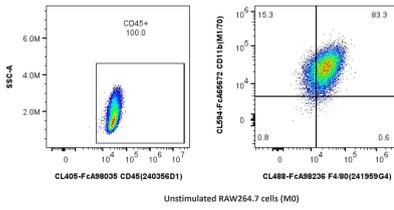
5x100 ug

Storage

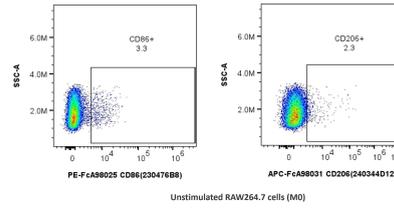
Storage Buffer: PBS with 0.09% sodium azide and 0.5% BSA.

Storage Conditions: Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

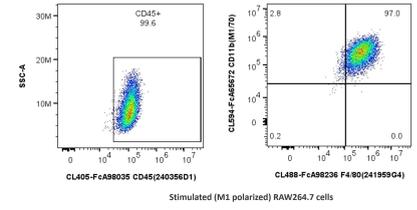
Validation Data



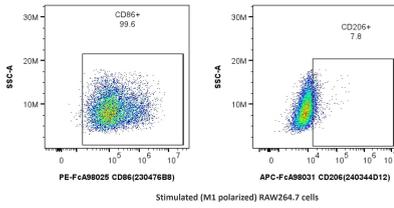
1x10⁶ unstimulated RAW264.7 cells were stained with PK30055 FcZero-rAb@ FcZero-rAb™ Mouse Macrophage Basics Panel. CD45+ cells are gated to analyse CD11b and F4/80 expression. Cells were not fixed.



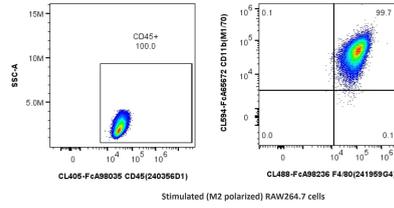
1x10⁶ unstimulated RAW264.7 cells were stained with PK30055 FcZero-rAb@ FcZero-rAb™ Mouse Macrophage Basics Panel. CD86 and CD206 expression on CD45+CD11b+F4/80+ cells is shown. Cells were not fixed.



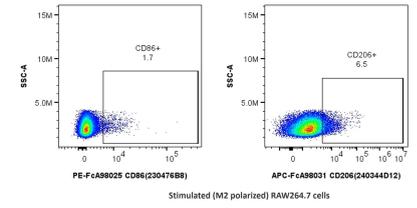
1x10⁶ stimulated (M1 polarized) RAW264.7 cells were stained with PK30055 FcZero-rAb@ FcZero-rAb™ Mouse Macrophage Basics Panel. CD45+ cells are gated to analyse CD11b and F4/80 expression. Cells were not fixed.



1x10⁶ stimulated (M1 polarized) RAW264.7 cells were stained with PK30055 FcZero-rAb@ FcZero-rAb™ Mouse Macrophage Basics Panel. CD86 and CD206 expression on CD45+CD11b+F4/80+ cells is shown. Cells were not fixed.



1x10⁶ stimulated (M2 polarized) RAW264.7 cells were stained with PK30055 FcZero-rAb@ FcZero-rAb™ Mouse Macrophage Basics Panel. CD45+ cells are gated to analyse CD11b and F4/80 expression. Cells were not fixed.



1x10⁶ stimulated (M2 polarized) RAW264.7 cells were stained with PK30055 FcZero-rAb@ FcZero-rAb™ Mouse Macrophage Basics Panel. CD86 and CD206 expression on CD45+CD11b+F4/80+ cells is shown. Cells were not fixed.

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

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