

Mouse MDSC Panel

Catalog Number: RK40018

Size: 1 Box

◆ Description

The 3-fluorescence Mouse MDSC Panel has been designed for identify and phenotype MDSCs Subsets in Mouse blood or tissue samples.

ABflo® multi-fluorescence panel RK40018 covers the core CD markers of CD11b, Ly-6G and Ly-6C.

Our plots showed clear subgroups of $CD11b^+Ly-6G^-Ly-6C^{high}$ M-MDSCs and $CD11b^+Ly-6G^+Ly-6C^{low}$ PMN-MDSCs (cite figures).

◆ Applications

FC

◆ Reactivity

Mouse

◆ Components

Target	Catalog No	Fluorochrome	Ex/Em (nm)	Isotype	Clone	Size	Vol. Per Test
CD11b	A24094	ABflo®488	491/516	Rabbit IgG	ARC63899-ABflo488	100T	5 μ L
Ly-6G	A27159	PE	565/574	Rat IgG2a	ATC0030-PE	100T	5 μ L
Ly-6C	A25663	APC	650/660	Rat IgG2c	ATC0017	50 μ g	$\leq$ 0.25 μ g

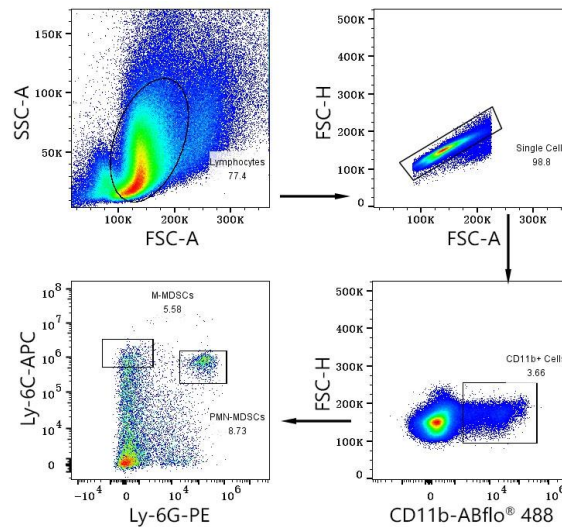
Note:

This reagent has been pre-diluted for use at the recommended Volume per Test. We typically use 1×10^6 cells in a 100 μ l experimental sample (a test).

◆ Storage

Store at 4°C. Avoid freeze/thaw cycles.

◆ Validation Data



Multicolor flow cytometry panel to identify Mouse MDSCs Subsets. C57BL/6 mouse splenocytes were surface stained with ABflo® 488 Rabbit anti-Mouse CD11b mAb (A24094, 5 μ L/Test), PE Rat anti-Mouse Ly-6G mAb (A27159, 5 μ L/Test), APC anti-Mouse Ly-6C mAb (A25663, 5 μ L/Test). All antibodies are validated for Flow cytometry. M-MDSCs are defined as CD11b⁺Ly-6G⁺Ly-6C^{high}; PMN-MDSCs are defined as CD11b⁺Ly-6G⁺Ly-6C^{low}.