Human Neutrophils panel

Catalog Number: RK40012

Size: 1 Box

◆ Description

The 4-fluorescence Human Neutrophils panel has been designed for identify and phenotype Neutrophils in Human blood or tissue samples.

ABflo® multi-fluorescence panel RK40012 covers the core CD markers of CD45, CD11b, CD15/SSEA-1 and CD16. Our plots showed clear subgroups of $CD45^{+}CD15^{+}$ Granulocytes and $CD11b^{+}CD16^{+}$ Neutrophils (cite figures).

◆ Applications

FC

◆ Reactivity

Human

◆ Components

Target	Catalog No.	Fluorochrome	Ex/Em (nm)	Isotype	Clone	Size	Vol. Per Test
CD45	A25624	PerCP	482/678	Rabbit IgG	ARC5024-PerCP	100T	5 μL
CD11b	A26894	ABflo®488	491/516	Mouse IgG2b	AMC0709-ABflo488	100T	5 μL
CD15/SSEA-1	A26930	PE	565/574	Mouse IgM	AMC0710-PE	100T	5 μL
CD16	A23400	ABflo®647	648/664	Rabbit IgG	ARC59985-ABflo647	100T	5 μL

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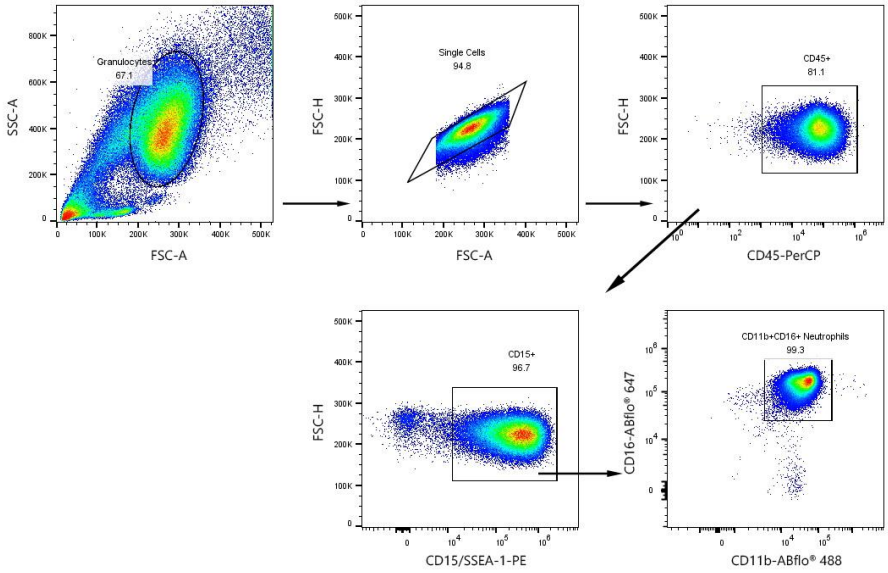
Note:

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

◆ Storage

Store at 4℃. Avoid freeze/thaw cycles.

◆ Validation Data



Multicolor flow cytometry panel to identify Human Neutrophils Subsets. Human peripheral blood granulocytes were surface stained with PerCP Rabbit anti-Human CD45 mAb (A25624,5 µL/Test), ABflo® 488 Mouse anti-Human CD11b mAb (A26894,5 µL/Test), PE Mouse anti-Human CD15/SSEA-1 mA (A26930,5 µL/Test), ABflo® 647 Rabbit anti-Human CD16 mAb (A23400,5 µL/Test). All antibodies are validated for Flow cytometry. Granulocytes are defined as $CD45^{+}CD15^{+}$; Neutrophils are defined as $CD11b^{+}CD16^{+}$.

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