

cFluor® R720 Anti-Human CD66b (G10F5)

PRODUCT DETAILS	
Catalog Number:	R7-20331 (100 tests) R7-20332 (25 tests)
Reactivity:	Human
Clone:	G10F5
Format:	cFluor® R720*
Isotype:	Mouse IgM, κ
Test Dilution:	5 µL / test
Application:	Flow cytometry
Formulation:	Phosphate-buffered saline, pH 7.2, containing 0.09% sodium azide and 0.2% BSA (BSA Country of Origin USA)
Storage:	2-8°C and protected from light. Do not freeze

PRODUCT DESCRIPTION

The G10F5 monoclonal antibody binds to human CD66b, a 95-100 kD glycosylphosphatidylinositol (GPI)-linked protein also known as CD67, CGM6, and NCA-95. CD66b is a member of the immunoglobulin superfamily, carcinoembryonic antigen (CEA)-like subfamily. CD66b, expressed on granulocytes, has been reported to induce activation in neutrophils and to be involved in heterophilic adhesion with CD66c. The antibody was conjugated to a fluorophore and purified by chromatography.

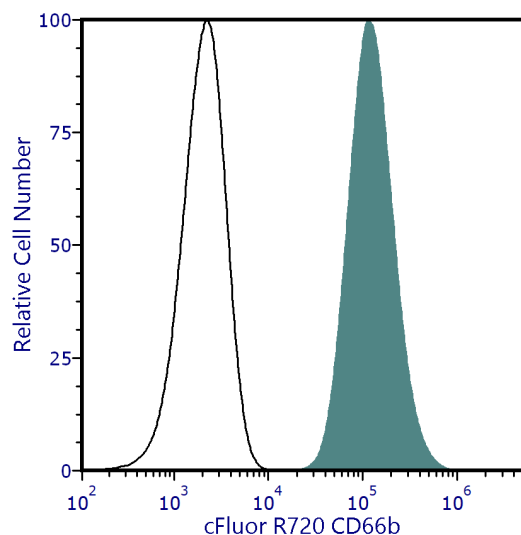
RECOMMENDED USAGE

Each lot of this antibody is quality control tested using flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5 µL per 1 million cells in a staining volume of 100 µL. If whole blood is analyzed, then use 5 µL per 100 µL. It is recommended that users titrate the antibody to obtain the optimal result for their specific application.

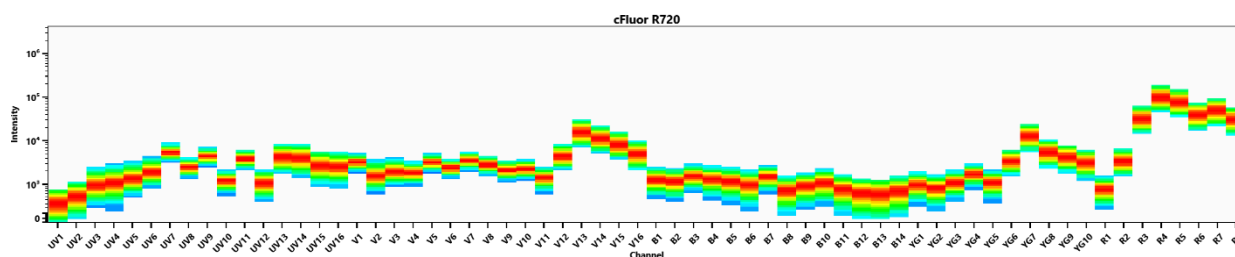
Please briefly centrifuge the reagent vial before use.

Use appropriate personal protective equipment per the product safety data sheet when using this product.

PRODUCT DATA



Human peripheral blood stained with cFluor® R720 CD66b (clone G10F5) (filled histogram) or mouse cFluor® R720 IgM, κ isotype control (open histogram). Data shown is gated on granulocytes.



Spectral signature of cFluor® R720 from a Cytex® Aurora 5 laser system equipped with 355, 405, 488, 561 and 640 nm lasers using CytexAssaySetting.

REFERENCES

- Schlossman S, et al. Eds. 1995. Leucocyte Typing V. Oxford University Press. New York.
- Kishimoto T, et al. Eds. 1997. Leucocyte Typing VI. Garland Publishing Inc. London.
- Norling LV, et al. 2012. Arterioscler Thromb Vasc Biol. 32:1970.
- Meinke P, et al. 2015. Neuroimmunol Discord. 25:127.

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