

cFluor[®] BYG575 Anti-Human CD84 (CD84.1.21)

PRODUCT DETAILS	
Catalog Number:	R7-20459 (100 tests) R7-20460 (25 tests)
Reactivity:	Human
Clone:	CD84.1.21
Format:	cFluor [®] BYG575
Isotype:	Mouse IgG2a, κ
Test Dilution:	5 μ L / 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 CD84.1.21 monoclonal antibody binds to human CD84, a 64-82 kD glycoprotein that is a member of the SLAM (CD150) family, also known as SLAMF5 or Ly9b. CD84 is expressed on B cells, monocytes, thymocytes, subset of T cells (preferentially CD45RO+ T cells), and platelets. CD84 functions as a homophilic adhesion molecule and enhances T cell activation and cytokine production. The antibody was conjugated to a fluorophore and purified by chromatography.

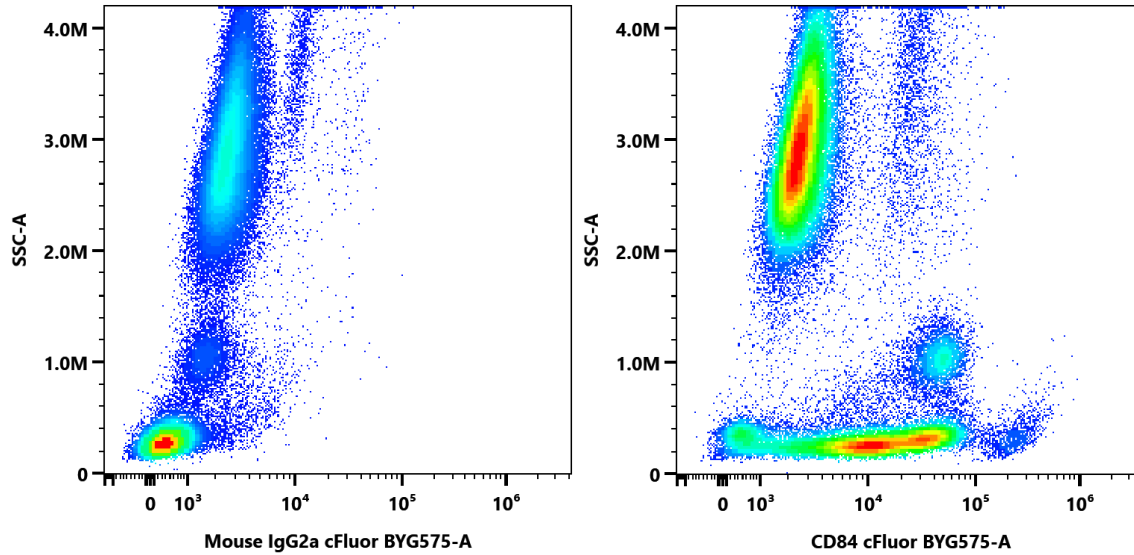
RECOMMENDED USAGE

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 μ L per 1 million cells in a staining volume of 100 μ L. If whole blood is analyzed, then use 5 μ L per 100 μ L. It is recommended that users titrate the antibody to obtain the optimal result for their specific application.

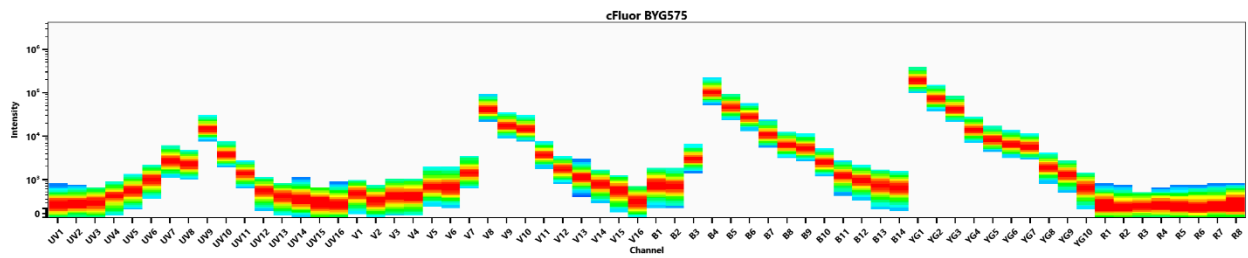
Please briefly centrifuge the reagent vial before use.

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

PRODUCT DATA



Human peripheral blood was stained with cFluor[®] BYG575 Anti-Human CD84 (clone CD84.1.21) (right) or cFluor[®] BYG575 mouse IgG2a, κ isotype control (left).



Spectral signature of cFluor[®] BYG575 from a Cytek[®] Aurora 5 laser system equipped with 355 nm, 405 nm, 488 nm, 561 nm and 640 nm lasers using CytekAssaySettings.

REFERENCES

1. De la Fuente MA, et al. 1997. Blood 90 (6):2398-2405.
2. Tangye SG, et al. 2002. Eur. J. Immunol. 32(6):1640-1649.
3. Tangye SG, et al. 2003. J. Immunol. 171:2485-2495.
4. Martin M, et al. 2001. J. Immunol. 167:3668-3676.

For Research Use Only. Not intended for use in diagnostic procedures.