

cFluor® V570 Streptavidin

PRODUCT DETAILS	
Catalog Number:	R7-90132 (100 Tests)
Specificity:	Biotin
Format:	cFluor® V570
Volume Per Test:	5 µL/Test
Application:	Flow Cytometry
Formulation:	Phosphate-buffered saline, pH 7.2, containing 0.1% PEG 3350, 0.1% Pluronic F-68, 0.05% Tween-20, 0.09% sodium azide and 1% BSA (BSA Country of Origin USA)
Storage:	2-8°C protected from light. Do not freeze

PRODUCT DESCRIPTION

Streptavidin is a second-step reagent useful when detecting biotinylated antibodies in indirect staining protocols. Streptavidin is a nonglycosylated biotin-binding protein that is bacterially derived. Like avidin, it binds to biotin with high affinity but displays less nonspecific binding.

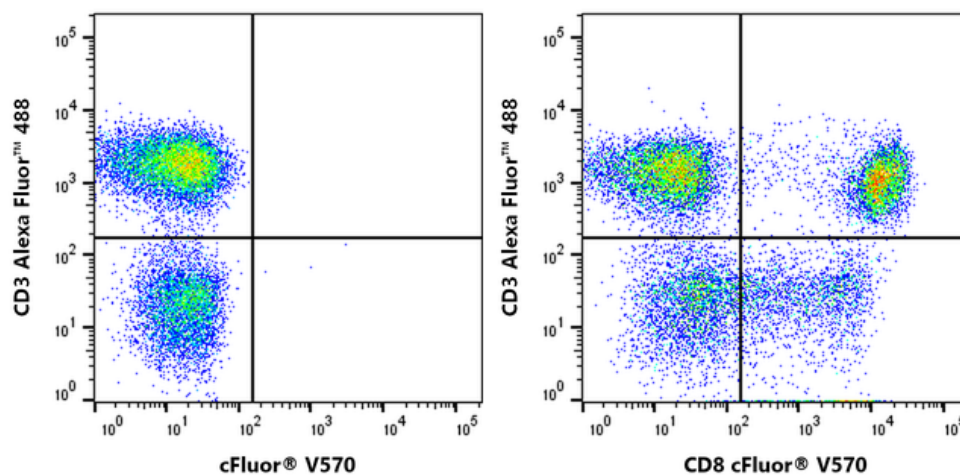
RECOMMENDED USAGE

Each lot of this reagent 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.

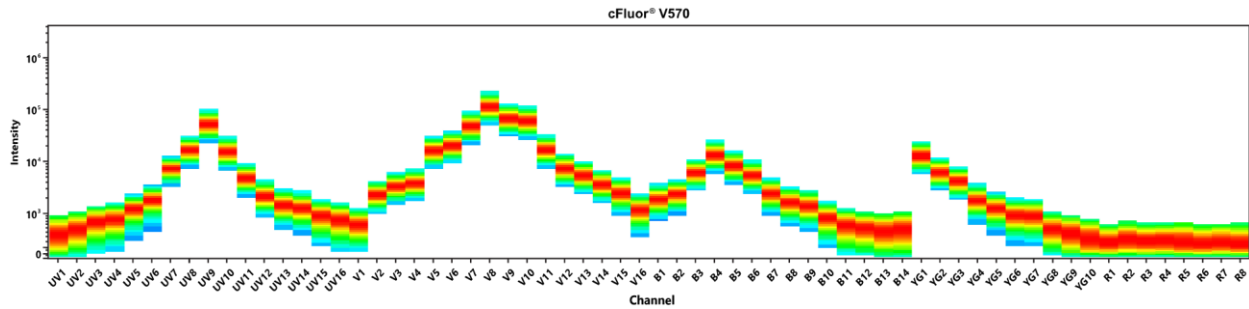
Please briefly centrifuge the reagent vial before use.

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

PRODUCT DATA



Left: Alexa Fluor™ 488 conjugated Mouse anti-Human CD3. Right: Alexa Fluor™ 488 conjugated Mouse anti-Human CD3 and Biotin conjugated Mouse anti-Human CD8 detected with Streptavidin cFluor® V570. All experiments performed on red cell lysed human blood gated on live single cell lymphocytes, in the presence of 10% human serum.



Spectral signature of cFluor® V570 from a Cytek Aurora™ 5-laser system equipped with 355, 405, 488, 561, and 640 nm lasers using CytekAssaySetting.

Cytek® cFluor® V570 is StarBright™ Violet 570 Dye, manufactured and provided by Bio-Rad, Inc.

StarBright is a trademark of Bio-Rad Laboratories, Inc. in certain jurisdictions. StarBright Dyes are manufactured and provided by Bio-Rad under an Agreement between Bio-Rad supplied to Cytek, being subject to certain conditions.

cFluor® V570 is a tandem dye. Caution – Tandem dyes may show changes in their emission spectra with prolonged exposure to light or fixatives.

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