

## cFluor® UV570 Streptavidin

| PRODUCT DETAILS  |                                                                                                                                                            |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog Number:  | R7-90044 (100 Tests)                                                                                                                                       |
| Specificity:     | Biotin                                                                                                                                                     |
| Format:          | cFluor® UV570                                                                                                                                              |
| 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.<br><b>Do not freeze</b>                                                                                                        |

### 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.

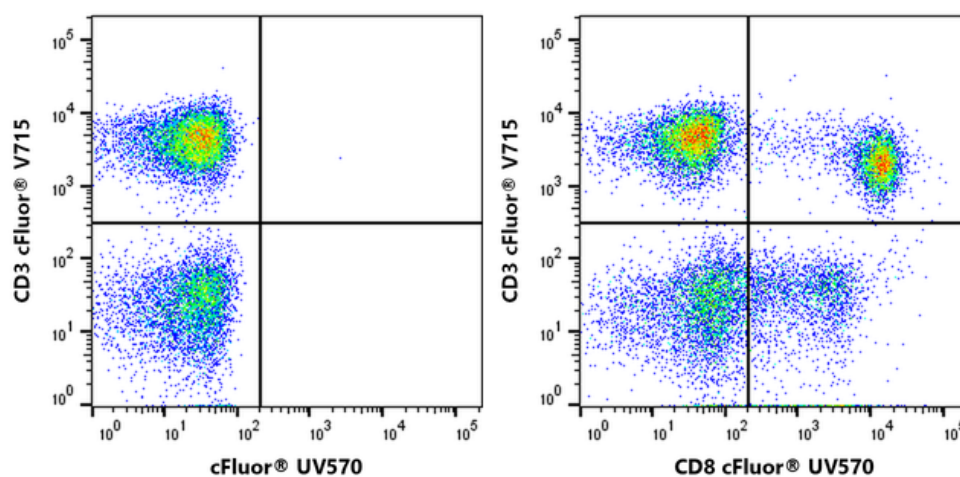
### RECOMMENDED USAGE

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.

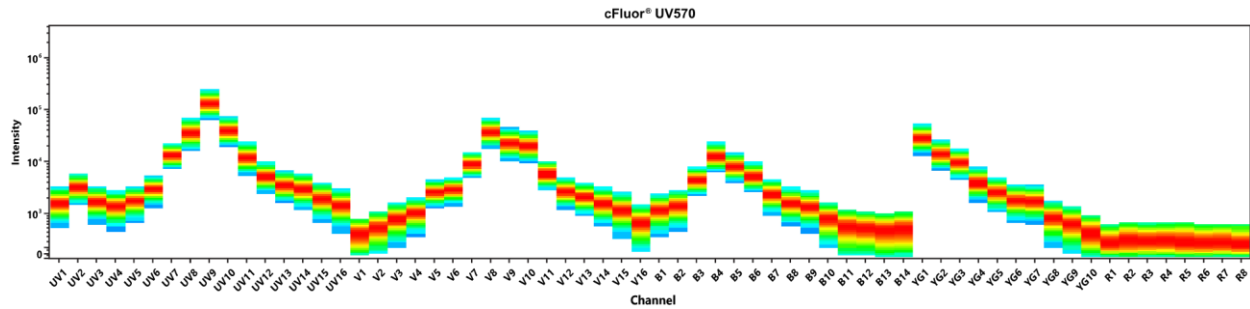
Please briefly centrifuge the reagent vial before use.

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

### PRODUCT DATA



Left: cFluor® V715 conjugated Mouse anti-Human CD3. Right: cFluor® V715 conjugated Mouse anti-Human CD3 and Biotin conjugated Mouse anti-Human CD8 detected with Streptavidin cFluor® UV570. 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® UV570 from a Cytek Aurora™ 5-laser system equipped with 355, 405, 488, 561, and 640 nm lasers using CytekAssaySetting.

Cytek® cFluor® UV570 is StarBright™ UltraViolet 575 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® UV570 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.**