

# cFluor® UV440 Streptavidin

PRODUCT DETAILS	
<b>Catalog Number:</b>	R7-90028 (100 Tests)
<b>Specificity:</b>	Biotin
<b>Format:</b>	cFluor® UV440
<b>Volume Per Test:</b>	5 µL/Test
<b>Application:</b>	Flow Cytometry
<b>Formulation:</b>	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)
<b>Storage:</b>	2-8°C protected from light. <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.

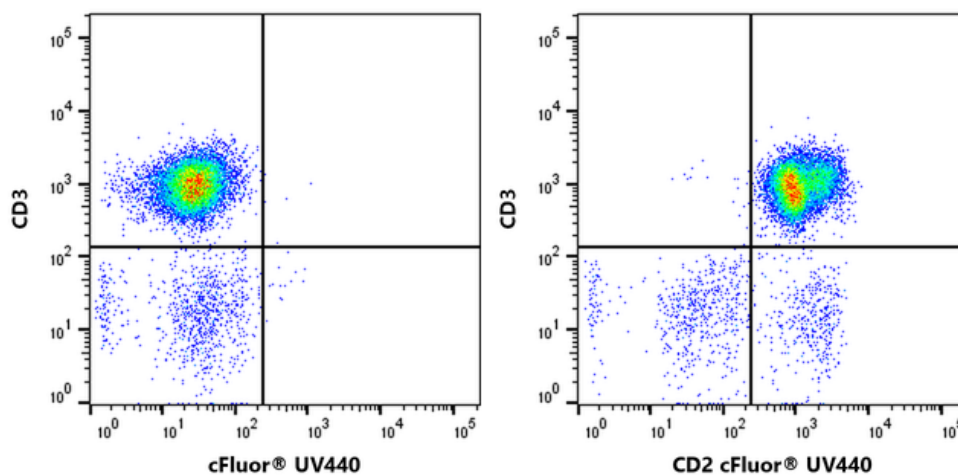
## RECOMMENDED USAGE

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.

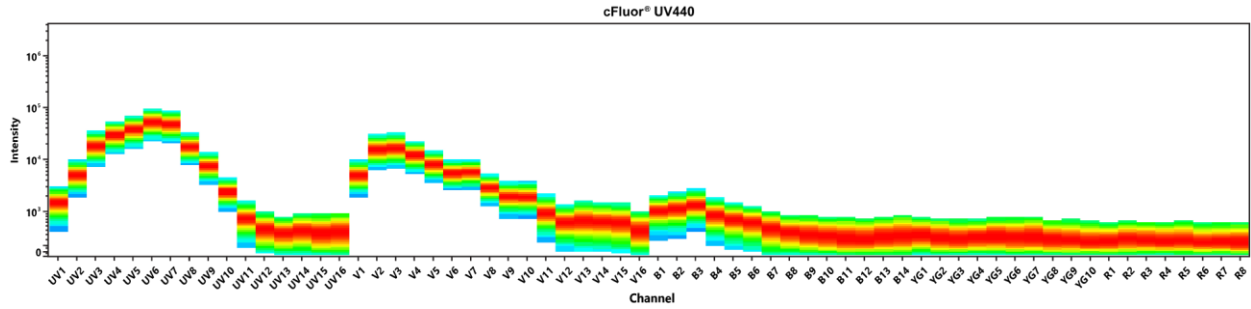
Please briefly centrifuge the reagent vial before use.

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

## PRODUCT DATA



Left: Mouse anti-Human CD3. Right: Mouse anti-Human CD3 and Biotin conjugated Mouse anti-Human CD2 detected with Streptavidin cFluor® UV440. 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® UV440 from a Cytek Aurora™ 5-laser system equipped with 355, 405, 488, 561, and 640 nm lasers using CytekAssaySetting.

Cytek® cFluor® UV440 is StarBright™ UltraViolet 445 Dye, manufactured and provided by Bio-Rad, Inc.

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