

cFluor® UV745 Streptavidin

PRODUCT DETAILS	
Catalog Number:	R7-90062 (100 Tests)
Specificity:	Biotin
Format:	cFluor® UV745
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.

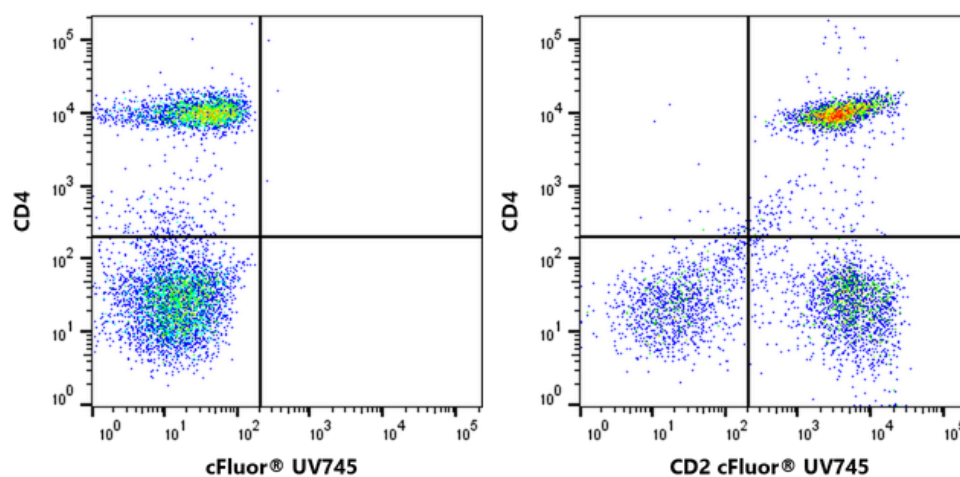
RECOMMENDED USAGE

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.

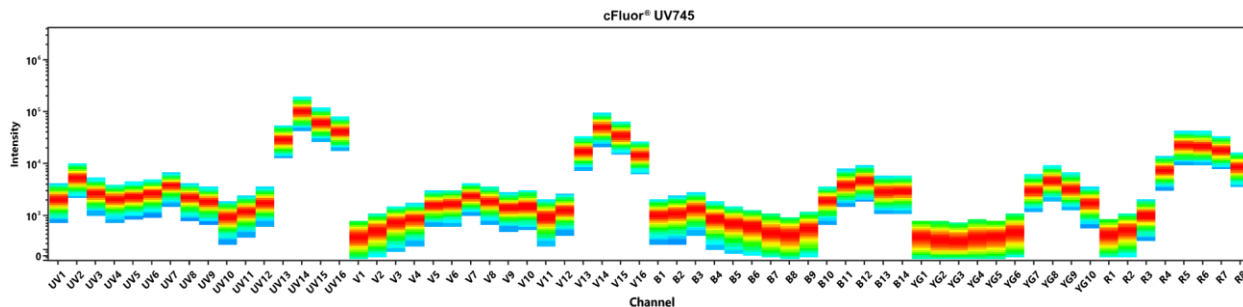
Please briefly centrifuge the reagent vial before use.

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

PRODUCT DATA



Left: conjugated Mouse anti-Human CD4. Right: conjugated Mouse anti-Human CD4 and Biotin conjugated Mouse anti-Human CD2 detected with Streptavidin cFluor® UV745. 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® UV745 from a Cytek Aurora™ 5-laser system equipped with 355, 405, 488, 561, and 640 nm lasers using CytekAssaySetting.

Cytek® cFluor® UV745 is StarBright™ UltraViolet 740 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® UV745 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.