



43-4315  
CY<sup>TM</sup><sub>3</sub>-Streptavidin

1 ml

### CY<sup>TM</sup><sub>3</sub>-STREPTAVIDIN

#### AVIDIN/BIOTIN REAGENT

##### FORM:

Liquid. The product is in 10 mM phosphate buffered saline, pH 7.4, containing 1% BSA, 40 % glycerol, and 0.1% sodium azide.

STREPTAVIDIN (from *S. Avidinii*) is conjugated with CY3.18 OSU under optimum conditions and is free of unconjugated CY<sup>TM</sup><sub>3</sub>.

##### RECOMMENDED DILUTION:

1:20 to 1:50 dilution with PBS containing 10% normal goat serum. Working dilution for specific application should be determined by individual investigator to obtain the best conditions.

##### APPLICATIONS:

CY<sup>TM</sup><sub>3</sub> conjugated streptavidin can be used to localize or to detect biotinylated biomolecules in cells, tissue sections or other fluorescent immunoassays.

##### STORAGE:

Store at 4°C. Avoid exposure to light.

##### NOTES:

CY<sup>TM</sup><sub>3</sub> has an absorption maximum at 552 nm and an emission at 565 nm. CY<sup>TM</sup><sub>3</sub> can be excited with Mercury lamp at 546 nm or with Argon laser at 514 nm. For light microscopy, CY<sup>TM</sup><sub>3</sub>-conjugated products can be observed using optical filters for TRITC due to their similar spectral characteristics.

\* CY<sup>TM</sup><sub>3</sub> is trademark of Amersham Biosciences Limited.

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