



43-4316 1 ml
Cy[®]5-STREPTAVIDIN

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INVITROGEN 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 Cy[®]5.18 OSU under optimum conditions and is free of unconjugated Cy[®]5.

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[®]5 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:

Product contains 0.1% Sodium Azide as a preservative. Cy[®]5 has an absorption maximum at 650 nm and an emission at 667 nm which can be easily detected by electronic imaging systems, for example CCD cameras. Cy[®]5 can be excited with Mercury lamp or with a Krypton/Argon laser at 647 nm.

* Cy[®]5 is trademark of Amersham Biosciences Limited.

For research use only.

CAUTION: Not intended for human or animal therapeutic or diagnostic use.

www.invitrogen.com

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PI 434316

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