# Streptavidin Conjugates

A high quality biotin-binding protein conjugated to Biotium's signature bright and photostable fluorescent CF® dyes, and a selection of other labels.



### Product attributes

| | |
|---|---|
| **Colors** | Blue, Green, Orange, Red, Far-red, Near-infrared |
| **Detection method/readout** | Fluorescence microscopy, Live cell imaging, Flow cytometry, Near-IR imager, In vivo near-IR imaging |
| **Antibody reactivity (target)** | Biotin |
| **Product origin** | Streptavidin, recombinant from E. coli |

## Product Description

CF® dyes conjugates of Streptavidin are high quality biotin-binding proteins labeled with the superior CF® dyes or a selection of other labels. These conjugates are typically used as secondary reagents to detect biotinylated probes such as primary antibodies for flow cytometry, western blotting, immunofluorescence staining, and other applications.

- Conjugates with wide choice of CF® dye colors, plus HRP, R-PE, APC, and Alkaline Phosphatase
- Superior CF® dyes are bright, photostable, and water-soluble
- Ideal for flow cytometry, western blotting, and immunofluorescence staining

Blue dyes have lower fluorescence and can give higher non-specific background than other dye colors. Conjugates of blue fluorescent dyes like CF®350, CF®405S, and CF®405M are not recommended for detecting low abundance targets.

### Superior CF® Dyes

Biotium's next-generation CF® dyes were designed to be highly water-soluble with advantages in brightness and photostability compared to Alexa Fluor®, DyLight®, and other fluorescent dyes. Learn more about CF® Dyes.

### Streptavidin Conjugates

| Product | Conjugation | Ex/Em | Size | Catalog number |
|---|---|---|---|---|
| CF®350 Streptavidin | CF®350 | 347/448 nm | 1 mg | 29031 |
| CF®405S Streptavidin | CF®405S | 404/431 nm | 1 mg | 29032 |
| CF®405M Streptavidin | CF®405M | 408/452 nm | 1 mg | 29033 |
| CF®405L Streptavidin | CF®405L | 395/545 nm | 1 mg | 29056 |
| CF®430 Streptavidin | CF®430 | 426/498 nm | 1 mg | 29065 |
| CF®440 Streptavidin | CF®440 | 440/515 nm | 1 mg | 29066 |
| CF®488A Streptavidin | CF®488A | 490/515 nm | 1 mg | 29034 |
| CF®514 Streptavidin | CF®514 | 516/548 nm | 1 mg | 29081 |
| CF®532 Streptavidin | CF®532 | 527/558 nm | 1 mg | 29030 |
| CF®543 Streptavidin | CF®543 | 541/560 nm | 1 mg | 29043 |
| CF®555 Streptavidin | CF®555 | 555/565 nm | 1 mg | 29038 |
| CF®568 Streptavidin | CF®568 | 562/583 nm | 1 mg | 29035 |
| CF®583R Streptavidin | CF®583R | 586/609 nm | 1 mg | 29086 |
| CF®594 Streptavidin | CF®594 | 593/614 nm | 1 mg | 29036 |
| CF®633 Streptavidin | CF®633 | 630/650 nm | 1 mg | 29037 |
| CF®640R Streptavidin | CF®640R | 642/662 nm | 1 mg | 29041 |
| CF®647 Streptavidin | CF®647 | 650/665 nm | 1 mg | 29039 |
| CF®660R Streptavidin | CF®660R | 663/682 nm | 1 mg | 29040 |
| CF®680R Streptavidin | CF®680R | 680/701 nm | 1 mg | 29072 |
| CF®740 Streptavidin | CF®740 | 742/767 nm | 1 mg | 29129 |
| Alkaline Phosphatase Streptavidin (1 mg/mL) | Alkaline Phosphatase | N/A | 100 uL | 29071-100uL |
| 1 mL | 29071-1mL | | | |
| HRP Streptavidin | HRP | N/A | 1 mg | 29049 |
| R-PE Streptavidin (0.5 mg/mL) | R-PE | 496, 546, 565/578 nm | 200 uL | 29044-200uL |
| 1 mL | 29044-1mL | | | |
| APC Streptavidin (0.5 mg/mL) | APC | 650/660 nm | 200 uL | 29048-200uL |
| 1 mL | 29048-1mL | | | |

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## References

Download a list of CF® dye references.