

**Streptavidin Alexa Fluor Conjugated**

| Cat. N°  | Description                             | Size |
|----------|---|------|
| PP-29031 | Streptavidin, Alexa Fluor 350 conjugate | 1 mg |
| PP-29034 | Streptavidin, Alexa Fluor 488 conjugate | 1 mg |
| PP-29043 | Streptavidin, Alexa Fluor 546 conjugate | 1 mg |
| PP-29038 | Streptavidin, Alexa Fluor 555 conjugate | 1 mg |
| PP-29035 | Streptavidin, Alexa Fluor 568 conjugate | 1 mg |
| PP-29036 | Streptavidin, Alexa Fluor 594 conjugate | 1 mg |
| PP-29037 | Streptavidin, Alexa Fluor 633 conjugate | 1 mg |
| PP-29039 | Streptavidin, Alexa Fluor 647 conjugate | 1 mg |
| PP-29040 | Streptavidin, Alexa Fluor 660 conjugate | 1 mg |
| PP-29044 | Streptavidin, R-PE conjugate            | 1 ml |
| PP-29048 | Streptavidin, APC conjugate             | 1 ml |

**Concentration:** 2 mg/mL with 0.01% sodium azide upon addition of 0.5 mL PBS.

**Form:** Lyophilized powder

**Spectral Properties**

$\lambda_{abs} / \lambda_{em}$  (in pH 7.4 PBS buffer)

| Product Description                     | Abs <sub>max</sub> nm | Em <sub>max</sub> nm |
|---|-----------------------|----------------------|
| Streptavidin, Alexa Fluor 350 Conjugate | 347                   | 448                  |
| Streptavidin, Alexa Fluor488Conjugate   | 490                   | 515                  |
| Streptavidin, Alexa Fluor 555 Conjugate | 555                   | 565                  |
| Streptavidin, Alexa Fluor 568 Conjugate | 562                   | 583                  |
| Streptavidin, Alexa Fluor 594 Conjugate | 593                   | 614                  |
| Streptavidin, Alexa Fluor 633 Conjugate | 630                   | 650                  |
| Streptavidin, Alexa Fluor 647 Conjugate | 650                   | 665                  |
| Streptavidin, Alexa Fluor 660 Conjugate | 663                   | 682                  |

**Storage and Handling**

Product is stable for at least 2 years at -20°C with desiccant. Upon reconstitution of the lyophilized powder in 0.5 mL PBS, store at 4°C and protect from light.

**Product Description**

Immunological Sciences offers a variety of streptavidin products including those labeled with our outstanding series of Alexa Fluor dyes. AF dyes are superior to other fluorescent dyes for protein labeling by having combined advantages in brightness, photostability, specificity and novel features ideal for in vivo imaging.

Streptavidin 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. For most fluorescent streptavidin applications, a concentration of 1 - 10 µg/mL is sufficient; however, optimal conditions should be determined empirically.

AlexaFluor is a registered trademark of Molecular Probes; Cy is a trademark of GE Healthcare; DyLight is a trademark of Pierce Biotechnology.

**For Research use only**

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