IMMUNOLOGICAL SCIENCES Product Data Sheet

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_{max} nm	Em_{max} 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.

For Research use only

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