

Native Streptavidin protein (DyLight® 550) ab134348

1 References

Description

Product name	Native Streptavidin protein (DyLight® 550)
Expression system	Native
Accession	<u>P22629</u>
Protein length	Full length protein
Animal free	No
Nature	Native
Species	Streptomyces avidinii
Conjugation	DyLight® 550. Ex: 562nm, Em: 576nm

Specifications

Our **Abpromise guarantee** covers the use of **ab134348** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Flow Cytometry FRET
Form	Liquid
Additional notes	If further dilution of the conjugate is required, use diluted material within one month.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C. Store In the Dark. pH: 7.40 Preservative: 0.02% Sodium azide Constituents: Phosphate Buffer, 0.88% Sodium chloride, 1% BSA
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General Info

Relevance	Streptavidin is a tetrameric protein purified from Streptomyces sp. that binds very tightly to the vitamin biotin with a Kd of ~ 10-14 mol/l. The high affinity recognition of biotin and biotinylated molecules has made streptavidin one of the most important components in diagnostics and
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laboratory kits.

Cellular localization

Cytoplasmic

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