

## Streptavidin Antibody FITC Conjugated

Catalog No: #C00273F

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## Description

Product Name	Streptavidin Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Streptavidin
Crossing Reactivity	Streptavidin
Immunogen Description	Recombinant Streptavidin
Conjugates	FITC
Target Name	Streptavidin
Other Names	SA protein; SA V1; SA V2; Streptavidin V1; Streptavidin V2; SAV1_STRVL.
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IF=1:50-200

## Background

Streptavidin is biotin-binding protein that was originally isolated from *Streptomyces avidinii*. In contrast to avidin, streptavidin has no carbohydrate and has a mildly acidic pI of 5. Streptavidin products use a recombinant form of streptavidin having a mass of 53,000 daltons and a near-neutral pI. Streptavidin is a tetrameric protein, with each subunit binding one molecule of biotin with affinity similar to that of avidin. Guanidinium chloride will dissociate avidin and streptavidin into subunits, but streptavidin is more resistant to dissociation.

Note: This product is for in vitro research use only