

Product datasheet for **AP09182TR-N**

Streptavidin Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FC
Recommended Dilution:	Flow Cytometry. Immunofluorescence.
Reactivity:	Staphylococcus avidinii
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Streptavidin [Streptomyces avidinii]
Specificity:	This antibody reacts to Streptavidin.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01% (w/v) Sodium Azide and 10 mg/ml Bovine Serum Albumin (BSA) Label: Texas Red State: Lyophilized IgG fraction Label: (TM) Sulfonyl Chloride (Molecular Weight 625 daltons) Absorption emission: 596 nm / 620 nm Molar ratio: 3.0 moles Texas Red(TM) per mole of Rabbit IgG
Reconstitution Method:	Restore with 2.0 ml of deionized water (or equivalent). For extended storage mix product with glycerol to 50%.
Concentration:	lot specific
Purification:	Ion exchange chromatography
Conjugation:	Texas Red
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P22629



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Background: Streptavidin is a tetrameric protein purified from *Streptomyces* sp. that binds very tightly to the vitamin biotin with a K_d of $\sim 10^{-14}$ mol/l. The high affinity recognition of biotin and biotinylated molecules has made streptavidin one of the most important components in diagnostics and laboratory kits.

Synonyms: StAv