

Streptavidin - AMCA

Alternate names:	StAv
Catalog No.:	RA021AMCA
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Uniprot ID:	P22629
NCBI:	1895
Source:	<i>S. avidinii</i>
Format:	State: Lyophilized purified Ig fraction. Purity: Prepared from pure Streptavidin as determined by electrophoresis conjugated to the fluorochrome AMCA. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 10 mg/ml Bovine Serum Albumin (BSA; IgG and Protease free) as stabilizer and 0.01% (w/v) Sodium Azide as preservative. Label: Amino Methyl Coumarin (C ₁₆ H ₁₄ N ₂ O ₉ S). Absorption/Emission Wavelength: 353 nm/440 nm Fluorochrome/Protein Ratio: 8.2 moles AMCA per mole of Streptavidin. A₃₅₃/A₂₈₀ Ratio: 0.68 Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).
Applications:	Suitable for Immunomicroscopy (1:1,000-1:5,000) and Flow Cytometry (1:2,000-1:10,000) or FACS analysis as well as other antibody based fluorescent assays. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Add. Information:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Streptavidin. No reaction was observed against anti-Avidin.
Storage:	Store vial at 2-8°C prior to restoration. For extended storage mix product with glycerol to 50% and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This product is stable for one month at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Avoid cycles of freezing and thawing. Shelf life: one year from despatch.
General References:	1. J.A. Titus, P.P. Haugland, S.D. Sharrow, D.M. Segal J. Immunol. Methods 50; 193, (1982).

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com