

Polyclonal Antibody to Avidin - FITC

Alternate names:	AVD
Catalog No.:	R1201F
Quantity:	20 mg
Concentration:	10.0 mg/ml (by UV absorbance at 280 nm)
Background:	The biological function of avidin is not known. It is a homotetrameric glycoprotein found in chicken egg white, and forms a strong non covalent specific complex with biotin (one molecule of biotin per subunit of avidin).
Uniprot ID:	P02701
NCBI:	NP_990651.1
GeneID:	396260
Host:	Rabbit
Immunogen:	Avidin [Hen Egg White].
Format:	State: Lyophilized purified Ig fraction Purification: Immunoaffinity chromatography Buffer System: 0.01 M Sodium Phosphate, 0.14 M Sodium Chloride, pH 7.4 with 10 mg/ml Bovine Serum Albumin (BSA, IgG and Protease free) as stabilizer and 0.01% (w/v) Sodium Azide as preservative. Label: FITC – Diaminotriazynlaminofluorescein (DTAF) (Molecular Weight 530 daltons) <i>Absorption / Emission:</i> 495 nm / 528 nm <i>Molar Ratio:</i> 3.0 moles DTAF per mole of Rabbit IgG Reconstitution: Restore with 2.0 ml of deionized water (or equivalent).
Applications:	Suitable for Immunomicroscopy and Flow cytometry 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.
Specificity:	This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum and Avidin.

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

Storage:

Store vial at 2-8°C prior to restoration. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature.

This antibody is stable for one month at 2-8°C as an undiluted liquid.

Dilute only prior to immediate use.

Avoid repeated freezing and thawing.

Shelf life: One year from despatch.

General References: Blakeslee & Baines, J. Immunol. Methods 13; 305-320, 1976. (Conjugation)

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