

Chicken Avidin - Cy3

Alternate names:	AVD
Catalog No.:	RA103C3
Quantity:	1 mg
Concentration:	1.0 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
Species:	Chicken
Source:	Egg white
Format:	State: Lyophilized Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 10 mg/ml Bovine Serum Albumin (BSA) as stabilizer and 0.01% (w/v) Sodium Azide as preservative Label: Cy3 (Molecular Weight 949 daltons) Absorption/Emission: 550 nm / 570 nm Fluorochrome/Protein Ratio: 3.3 moles Cy3 per mole of Avidin Reconstitution: Restore with 1.0 ml of deionized water (or equivalent). For extended storage mix product with glycerol to 50%.
Applications:	Immunofluorescence. Flow Cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	Avidin
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the protein undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.