

## Product datasheet for **AP09114FC-N**

### Biotin Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	FC, IF
Recommended Dilution:	Immunofluorescence. Flow Cytometry.
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Biotin conjugated Keyhole Limpet Hemocyanin (KLH)
Specificity:	This antibody reacts to Fluorescein conjugated IgG fraction of Biotin.
Formulation:	0.01 M Sodium Phosphate, 0.14 M Sodium Chloride, pH 7.4 containing 10 mg/ml Bovine Serum Albumin (BSA) as stabilizer and 0.01% (w/v) Sodium Azide as preservative Label: DTAF State: Lyophilized IgG fraction Label: Diaminotriazynlaminofluorescein Absorption emission: 495 nm / 528 nm Molar ratio: 1.7 moles DTAF per mole of Goat IgG
Reconstitution Method:	Restore with 2.0 ml of deionized water (or equivalent).
Concentration:	lot specific
Conjugation:	DTAF
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.



[View online »](#)

**Background:** Biotin is a water soluble vitamin, generally classified as a B complex vitamin, also called vitamin B4. After the initial discovery of biotin, nearly forty years of research were required to establish it as a vitamin. Biotin is required by all organisms but can only be synthesized by bacteria, yeasts, molds, algae, and some plant species. Biotin is required as prosthetic group of enzymes involved in incorporation of carbon dioxide into organic compounds. Biotin has a MW of 244 Da.

**Synonyms:** Vitamin B7, Vitamin H