



Chickens make *better* antibodies.

Product Data Sheet

Catalog Number: F-1005

Description: Fluorescein-Labeled Goat anti-Chicken IgY (heavy and light chains) (affinity-purified)

Volume: 500 μ L

Concentration: 1.0 mg / mL (based on absorbance at 280 nm)

Analysis: Ratio of absorbance at 495/280 = 0.81, Molar F/P ratio = 3.2

Physical State: Liquid

Buffer: Phosphate-buffered saline (PBS) (pH 7.2), bovine serum albumin (0.2%, w/v), sodium azide (0.02%, w/v) (as an anti-microbial agent).

Production Notes: Goats were immunized with purified chicken IgY (whole protein) emulsified in Freund's adjuvant. After multiple injections, goats were bled and serum collected. Antibodies were isolated using affinity chromatography and conjugated to fluorescein isothiocyanate.

Quality Control: Antibodies were analyzed using immunoelectrophoresis (see below) and immunocytochemistry. In this latter test, abundant fluorescence staining was observed in 3T3 cells after blocking with BlokHen® (1:10 dilution in PBS), incubation with chicken anti-vimentin antibodies (1:1000 dilution in PBS) and then incubation with the F-1005 (1:200 dilution in PBS).

Storage: **Store at 4°C in the dark.** Under these conditions the antibodies should have a shelf life of at least 12 months (provided they remain sterile). For longer storage periods, dilute the antibodies with sterile glycerol and store at -20°C. Do not freeze these antibodies unless you want to store them for longer periods of time.

*Aves Labs products are intended for use as research laboratory reagents.
They are not intended for use as diagnostic or therapeutic reagents in humans.*