

Fluoresceinated Goat Anti-Chicken IgY Secondary Antibody

Overview

Catalog #	F-1005
Size	500 μ L
Concentration	1 mg/mL
Host Species	Goat
Format	Affinity Purified
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)
Physical State	Liquid
Conjugate	FITC
Species Reactivity	Chicken
Immunogen	IgY
Cite this Antibody	Aves Labs Cat# F-1005, RRID: AB_2313516

Details

Purification Method	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.
Specificity	H&L; does not cross-react with mammalian IgGs.
Quality Control Tests	Antibodies were analyzed using immunoelectrophoresis 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 GGHL-30F-2 (1:200 dilution in PBS).
Storage and Stability	Store at 4°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile. For longer term storage, aliquot and freeze to avoid freeze-thaw of the antibody.

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