NorthernLights™ Anti-chicken IgY-NL557

ORDERING INFORMATION

Catalog Number: NL016

Lot Number: AAIM01

Size: 0.5 mL

Antibody Concentration: 1 mg/mL

Formulation: Phosphate-buffered saline (PBS) containing < 0.1% v/v sodium azide

Specificity: Chicken IgY (H+L)

Host: Goat

Storage: 2° - 8° C in the dark

Product Description

This goat anti-chicken IgY (H+L) antibody was purified by chicken IgY (H+L) affinity chromatography. The purified antibody is then conjugated to fluorochrome NL557*. The spectral characteristics of NL557 are provided in Table 1. For comparison, the spectral characteristics of Phycoerythrin and Rhodamine Red™-X (RRX) are also included.

Table 1.

Fluorochrome	Absorption Maximum (nm)	Emission Maximum (nm)
NL557	557	574
Phycoerythrin	565	575
RRX	570	590

Intended Use

For use as a secondary developing reagent in immunofluorescence assays including immunohistochemistry, immunocytochemistry, flow cytometry, and other fluorescent immunoassays with unlabeled primary antibodies of chicken origin.

Reagent Preparation

Centrifuge the antibody solution in a microfuge before use. For most applications, a dilution of 1:200 is recommended. **Optimal dilutions should be determined by each laboratory for each application.**

Storage

Store the reagent at 2° - 8° C **in the dark. Do not freeze.** Under these conditions, the product is stable for at least 6 months from the date of receipt.

Precaution

Contains sodium azide as a preservative. Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large volumes of water during disposal. Dispose of azide containing liquids with caution and according to local regulations.

**Additional fluorochrome-labeled goat anti-chicken IgY antibodies with different spectral characteristics are also available (see Table 2).*

Table 2.

Catalog Number	Product Description	Absorption Maximum (nm)	Emission Maximum (nm)
NL017	Anti-chicken IgY-NL637	637	658
NL018	Anti-chicken IgY-NL493	493	514

For a complete list of NorthernLights products, please visit www.RnDSystems.com.

R&D Systems, Inc.
1-800-343-7475

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