

Product datasheet

Goat Anti-Chicken IgY H&L (Alexa Fluor® 647) preadsorbed ab150175

4 References 4 Images

Overview

| | |
|---------------------------------|--|
| Product name | Goat Anti-Chicken IgY H&L (Alexa Fluor® 647) preadsorbed |
| Description | Goat polyclonal Secondary Antibody to Chicken IgY - H&L (Alexa Fluor® 647), pre-adsorbed |
| Host species | Goat |
| Target species | Chicken |
| Specificity | By immunoelectrophoresis and ELISA this antibody reacts specifically with chicken IgG and with light chains common to other chicken immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Reduced cross-reactivity to bovine, goat, horse, human, mouse, pig, rabbit and rat IgG was detected. This antibody may cross react with IgG from other species. |
| Tested applications | Suitable for: IHC-Fr, ICC/IF, ELISA, IHC-P, Flow Cyt |
| Minimal cross-reactivity | Cow, Horse, Human, Mouse, Pig, Rabbit, Rat more details |
| Immunogen | The details of the immunogen for this antibody are not available. |
| Conjugation | Alexa Fluor® 647. Ex: 652nm, Em: 668nm |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. |
| Storage buffer | Preservative: 0.02% Sodium azide Constituents: 30% Glycerol, 1% BSA, PBS |
| Purity | Immunogen affinity purified |
| Purification notes | Antiserum was cross adsorbed using bovine, horse, human, mouse, pig, rabbit and rat immunosorbents to remove cross reactive antibodies. This antibody was isolated by affinity chromatography using antigen coupled to agarose beads. |
| Clonality | Polyclonal |
| Isotype | IgG |
| General notes | Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific |

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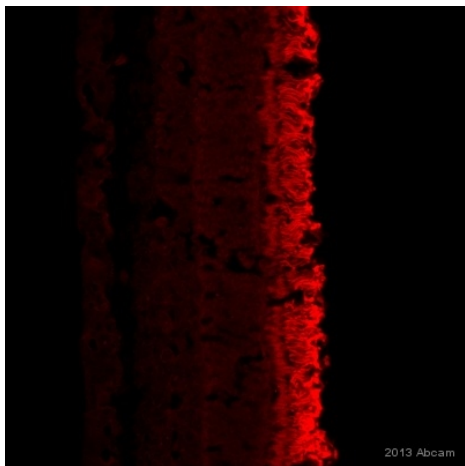
Applications

Our [Abpromise guarantee](#) covers the use of **ab150175** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| IHC-Fr | | Use at an assay dependent concentration. |
| ICC/IF | | 1/200 - 1/1000. |
| ELISA | | Use at an assay dependent concentration. |
| IHC-P | | Use at an assay dependent concentration. |
| Flow Cyt | | 1/2000. |

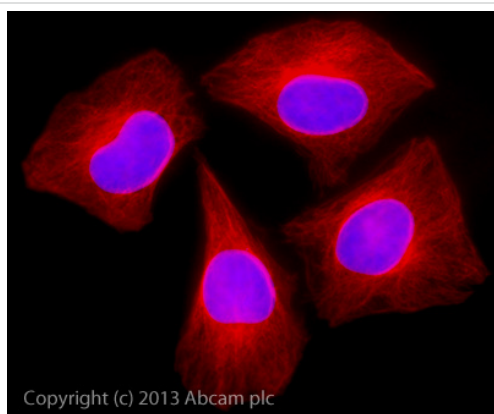
Images



Immunohistochemistry (Frozen sections) - Goat
Anti-Chicken IgY H&L (Alexa Fluor® 647)
preadsorbed (ab150175)

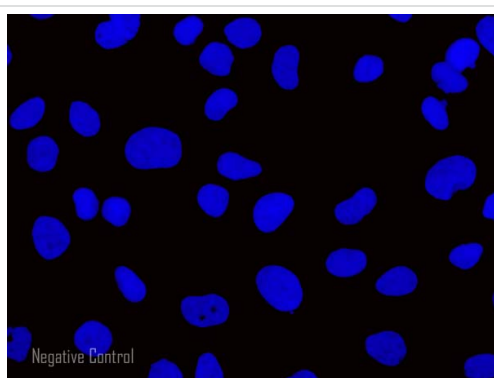
This image is courtesy of an Abreview submitted by Alex Zagariya.

[ab4674](#) staining GFAP in rabbit eye tissue sections by Immunohistochemistry (IHC-Fr - frozen sections). Tissue was fixed with formaldehyde and blocked with BSA for 2 hours at 4°C. Samples were incubated with primary antibody (1/1000) for 12 hours at 4°C. An Alexa Fluor® 647-conjugated Goat anti-chicken IgY H&L (ab150175) (1/1000) was used as the secondary antibody.



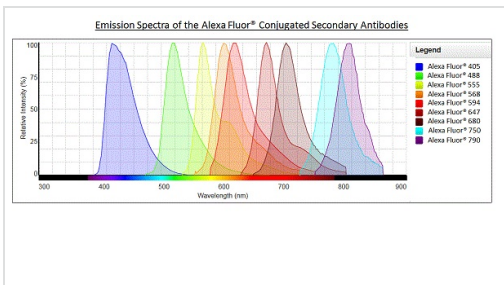
Immunocytochemistry/ Immunofluorescence - Goat
Anti-Chicken IgY H&L (Alexa Fluor® 647)
preadsorbed (ab150175)

ICC/IF image of [ab89984](#) stained HeLa cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody ([ab89984](#), 10µg/ml) overnight at +4°C. The secondary antibody (red) was ab150175 Alexa Fluor® 647 goat anti-chicken IgY (H+L) used at 2µg/ml for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Immunocytochemistry/ Immunofluorescence - Goat
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HeLa cells showing negative staining by ICC/IF using only secondary antibody. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The secondary antibody (red) was ab150175 Alexa Fluor® 647 goat anti-chicken IgY (H+L) used at 2µg/ml for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Alexa Fluor® - Goat Anti-Chicken IgY H&L (Alexa Fluor® 647) preadsorbed (ab150175)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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