## abcam

## Product datasheet

## Goat Anti-Chicken IgY H\&L (Alexa Fluor® 647) preadsorbed abl50175

## 27 References 4 Images

## Overview

| Product name | Goat Anti-Chicken IgY H\&L (Alexa Fluor® 647) preadsorbed |
| :--- | :--- |
| Host species | Goat |
| Carget species | Chicken <br> Sy immunoelectrophoresis and ELISA this antibody reacts specifically with chicken lgG and with <br> light chains common to other chicken immunoglobulins. No antibody was detected against non- <br> immunoglobulin serum proteins. Reduced cross-reactivity to bovine, goat, horse, human, mouse, <br> 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 <br> Minimal Cow, Horse, Human, Mouse, Pig, Rabbit, Rat <br> cross-reactivity The details of the immunogen for this antibody are not available. <br> Immunogen Alexa Fluor® 647. Ex: $652 n m$, Em: 668 nm |  |
| Conjugation | more details |

Properties

| Form | Liquid |
| :--- | :--- |
| Storage instructions | Shipped at $4^{\circ} \mathrm{C}$. Store at $+4^{\circ} \mathrm{C}$ short term $(1-2$ weeks $)$. Upon delivery aliquot. Store at $-20^{\circ} \mathrm{C}$. <br>  <br> Avoid freeze / thaw cycle. Stable for 12 months at $-20^{\circ} \mathrm{C}$. Store In the Dark. |
| Storage buffer | Preservative: $0.02 \%$ Sodium azide <br> Constituents: $23 \%$ Glycerol (glycerin, glycerine), PBS, $1 \% \mathrm{BSA}$ <br> Immunogen affinity purified |
| Purity | Antiserum was cross adsorbed using bovine, horse, human, mouse, pig, rabbit and rat <br> immunosorbents to remove cross reactive antibodies. This antibody was isolated by affinity <br> chromatography using antigen coupled to agarose beads. |
| Clonality | Polyclonal |
| Isotype | IgG |
| General notes | Alexa Fluor ${ }^{\circledR}$ is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific |

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## Applications

The Abpromise guarantee
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

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 $4^{\circ} \mathrm{C}$. Samples were incubated with primary antibody (1/1000) for 12 hours at $4^{\circ} \mathrm{C}$. An Alexa Fluor® 647-conjugated Goat antichicken $\lg \mathrm{Y} H \& \mathrm{~L}$ (ab150175) $(1 / 1000)$ was used as the secondary antibody.

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 1 h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab89984, 10 $\mu \mathrm{g} / \mathrm{ml}$ ) overnight at $+4^{\circ} \mathrm{C}$. The secondary antibody (red) was ab150175 Alexa Fluor® 647 goat anti-chicken lgY (H+L) used at $2 \mu \mathrm{~g} / \mathrm{ml}$ for 1 h . DAPI was used to stain the cell nuclei (blue) at a concentration of $1.43 \mu \mathrm{M}$.


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 1 h to permeabilise the cells and block non-specific protein-protein interactions. The secondary antibody (red) was ab150175 Alexa Fluor® 647 goat anti-chicken $\operatorname{lgY}(\mathrm{H}+\mathrm{L})$ used at $2 \mu \mathrm{~g} / \mathrm{ml}$ for 1 h . DAPI was used to stain the cell nuclei (blue) at a concentration of $1.43 \mu \mathrm{M}$.

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


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

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