

Product datasheet

Goat Anti-Rabbit IgG H&L (Alexa Fluor® 647) preadsorbed ab150083

★★★★★ 4 Abreviews 58 References 4 Images

Overview

Product name	Goat Anti-Rabbit IgG H&L (Alexa Fluor® 647) preadsorbed
Host species	Goat
Target species	Rabbit
Specificity	By immunoelectrophoresis and ELISA this antibody reacts specifically with rabbit IgG and with light chains common to other rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Reduced cross-reactivity to bovine, chicken, horse, human, mouse, pig, and rat IgG was detected. This antibody may cross react with IgG from other species.
Tested applications	Suitable for: IHC-Fr, ICC/IF, IHC-P, Flow Cyt, ELISA
Minimal cross-reactivity	Human, Mouse, 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. Stable for 12 months at -20°C. Store In the Dark.
Storage buffer	Preservative: 0.02% Sodium azide Constituents: 23% Glycerol (glycerin, glycerine), PBS, 1% BSA
Purity	Immunogen affinity purified
Purification notes	Antiserum was cross adsorbed using a human, mouse and rat immunosorbents to remove cross reactive antibodies. The antibody to rabbit IgG 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

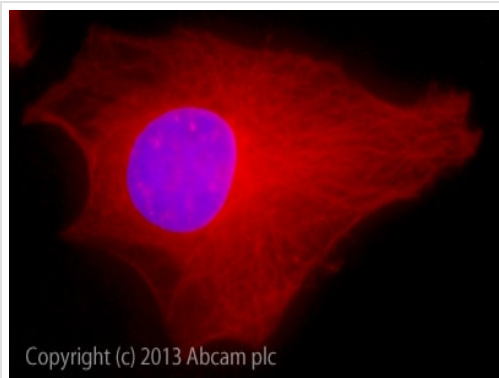
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Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab150083 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

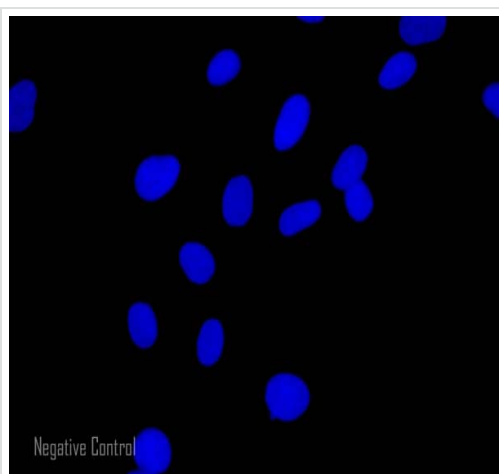
Application	Abreviews	Notes
IHC-Fr	★★★★★ (2)	Use at an assay dependent concentration.
ICC/IF	★★★★★ (1)	1/200 - 1/1000.
IHC-P		Use at an assay dependent concentration.
Flow Cyt		1/2000. ab199093 - Rabbit monoclonal IgG (Alexa Fluor® 647), is suitable for use as an isotype control to complement this secondary antibody.
ELISA		Use at an assay dependent concentration.

Images



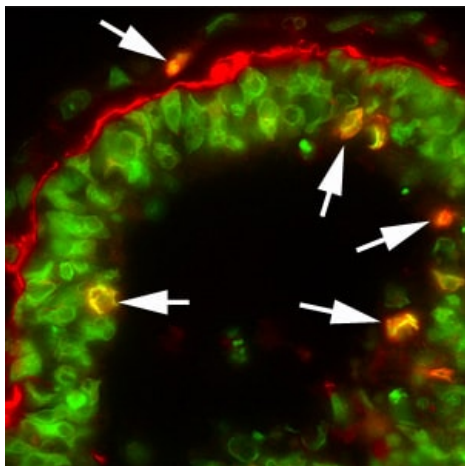
Immunocytochemistry/ Immunofluorescence - Goat
Anti-Rabbit IgG H&L (Alexa Fluor® 647)
preadsorbed (ab150083)

ICC/IF image of [ab6046](#) stained HeLa cells. The cells were 100% methanol fixed (5 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 ([ab6046](#), 1µg/ml) overnight at +4°C. The secondary antibody (red) was ab150083 Alexa Fluor® 647 goat anti-rabbit IgG (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 100% methanol fixed (5 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 ab150083 Alexa Fluor® 647 goat anti-rabbit IgG (H+L) used at 2µg/ml for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Goat Anti-Rabbit IgG H&L (Alexa Fluor® 647) preadsorbed (ab150083)
This image is courtesy of Dr. Shaohua Li

Image: Courtesy of Dr. Shaohua Li, UMDNJ-Robert Wood Johnson Medical School

Sample: mouse embryonic stem cell-differentiated embryoid bodies (EBs)

Preparation:

Fix in 3%PFA in PBS for 30 min at RT
Incubate in 7.5% sucrose-PBS for 3h at RT
Incubate in 15% sucrose-PBS at 4 degree Celsius overnight
Embed the EBs in tissue-Tek OCT compound
Cut frozen sections to 4-20 µm thickness

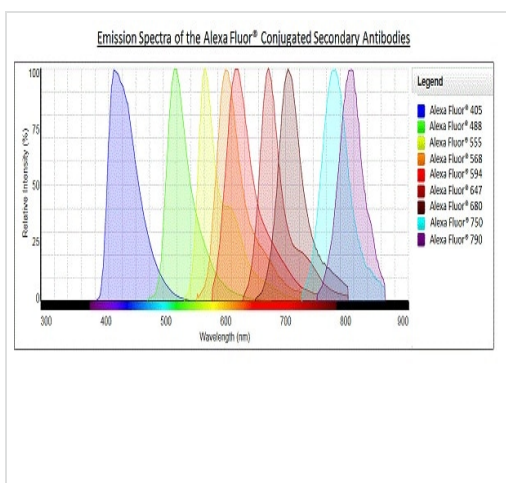
Primary antibody 1: Mouse anti-Ki67, 1:50

Primary antibody 2: Rabbit anti-laminin, 1:400

Secondary antibody 1: Goat polyclonal Secondary Antibody to Mouse IgG - H&L (Alexa Fluor® 594) pre-adsorbed (ab150120), 1:200

Secondary antibody 2: Goat polyclonal Secondary Antibody to Rabbit IgG - H&L (Alexa Fluor® 647) pre-adsorbed (ab150083), 1:200

Nuclei were counterstained with Syto 16



Alexa Fluor® - Goat Anti-Rabbit IgG H&L (Alexa Fluor® 647) preadsorbed (ab150083)

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