

Product datasheet

Goat Anti-Rabbit IgG H&L (Alexa Fluor® 555) preadsorbed ab150082

7 References 4 Images

Overview

<b>Product name</b>	Goat Anti-Rabbit IgG H&L (Alexa Fluor® 555) preadsorbed
<b>Host species</b>	Goat
<b>Target species</b>	Rabbit
<b>Specificity</b>	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.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-Fr, Flow Cyt, IHC-P, ELISA, ICC/IF
<b>Minimal cross-reactivity</b>	Human, Mouse, Rat <a href="#">more details</a>
<b>Immunogen</b>	Other Immunogen Type corresponding to Rabbit IgG.
<b>Conjugation</b>	Alexa Fluor® 555. Ex: 555nm, Em: 565nm

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	Preservative: 0.02% Sodium azide Constituents: 23% Glycerol (glycerin, glycerine), PBS, 1% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	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.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>General notes</b>	Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property

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## Applications

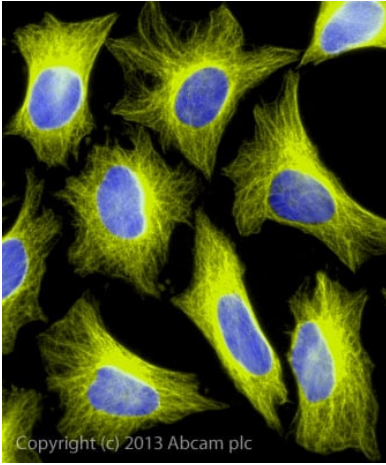
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**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab150082 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

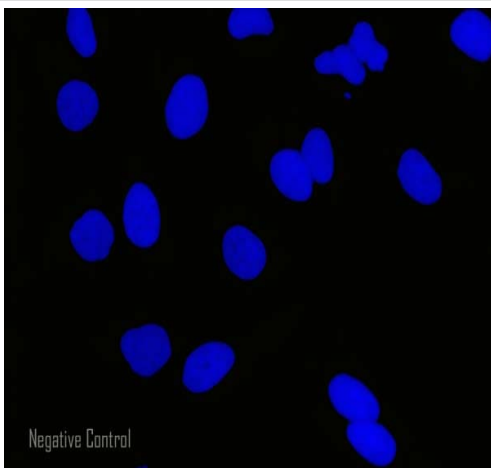
## Images

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Immunocytochemistry/ Immunofluorescence - Goat  
Anti-Rabbit IgG H&L (Alexa Fluor® 555)  
preadsorbed (ab150082)

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 (yellow) was ab150082 Alexa Fluor® 555 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  
Anti-Rabbit IgG H&L (Alexa Fluor® 555)  
preadsorbed (ab150082)

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 (yellow) was ab150082 Alexa Fluor® 555 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.

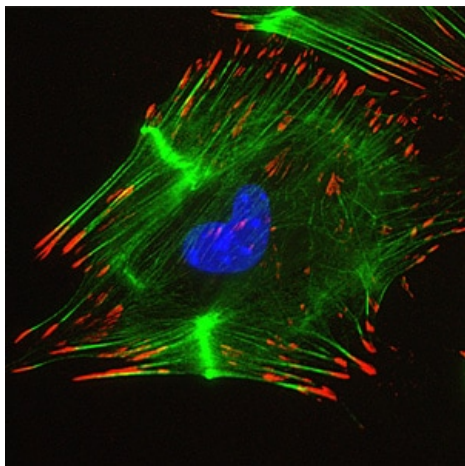


Image: Courtesy of Dr. Shaohua Li, UMDNJ-Robert Wood Johnson Medical School

Sample: mouse embryonic fibroblasts

Preparation:

Fix in 3% PFA in PBS for 30 min at RT

Primary antibody: Rabbit anti-integrin beta3 ([ab75872](#)), 1:100

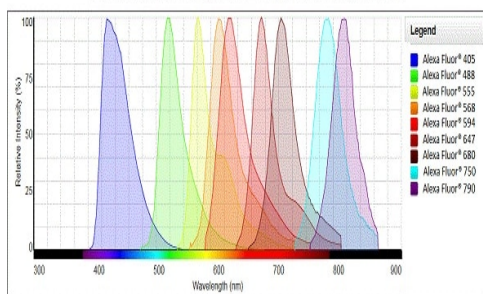
Secondary antibody: Goat polyclonal Secondary Antibody to Rabbit IgG - H&L (Alexa Fluor® 555) pre-adsorbed ([ab150082](#)), 1:200

FITC-phalloidin, 1:100

Immunocytochemistry/ Immunofluorescence - Goat Anti-Rabbit IgG H&L (Alexa Fluor® 555) preadsorbed ([ab150082](#))

This image is courtesy of Dr. Shaohua Li

Emission Spectra of the Alexa Fluor® Conjugated Secondary Antibodies



Alexa Fluor® - Goat Anti-Rabbit IgG H&L (Alexa Fluor® 555) preadsorbed ([ab150082](#))

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