

Product datasheet

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

[8 References](#) [4 Images](#)

Overview

Product name	Goat Anti-Rabbit IgG H&L (Alexa Fluor® 555) 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, Flow Cyt, IHC-P, ELISA, ICC/IF
Minimal cross-reactivity	Human, Mouse, Rat more details
Immunogen	Other Immunogen Type corresponding to Rabbit IgG.
Conjugation	Alexa Fluor® 555. Ex: 555nm, Em: 565nm

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

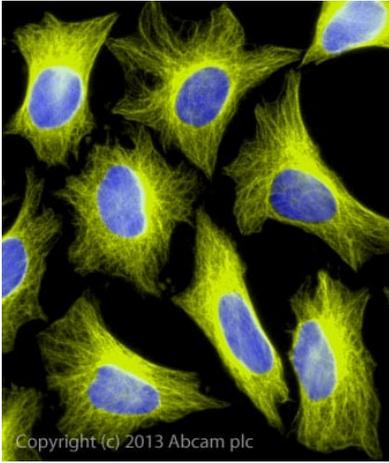
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Applications

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

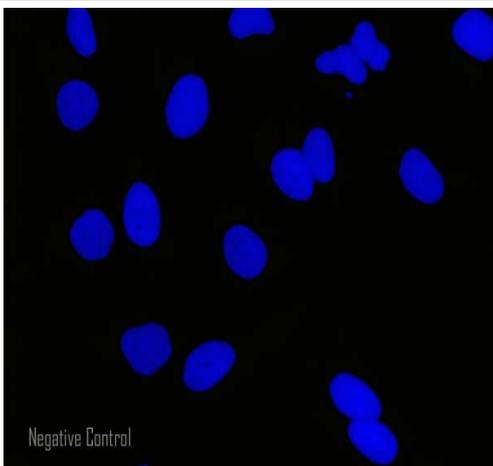
Application	Abreviews	Notes
IHC-Fr		Use at an assay dependent concentration.
Flow Cyt		1/2000.
IHC-P		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
ICC/IF		1/200 - 1/1000.

Images



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
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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 (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.

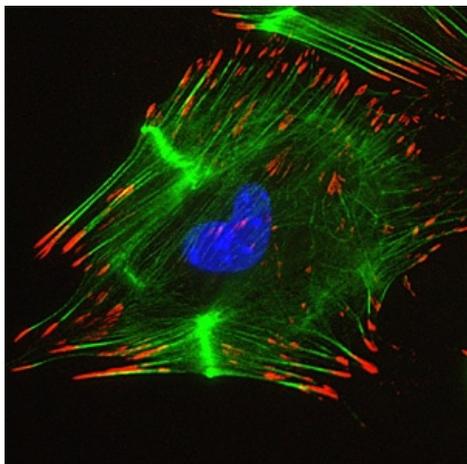


Image: Courtesy of Dr. Shaohua Li, UMDNJ-Robert Wood Johnson Medical School

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

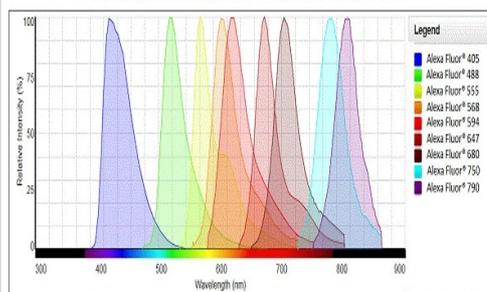
Secondary antibody: Goat polyclonal Secondary Antibody to Rabbit IgG - H&L (Alexa Fluor® 555) pre-adsorbed (ab150082), 1:200

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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