

## Product datasheet

# Donkey F(ab')<sub>2</sub> Anti-Rat IgG H&L (Alexa Fluor® 488) preadsorbed ab150149

[3 References](#) [3 Images](#)

### Overview

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<b>Product name</b>	Donkey F(ab') <sub>2</sub> Anti-Rat IgG H&L (Alexa Fluor® 488) preadsorbed
<b>Host species</b>	Donkey
<b>Target species</b>	Rat
<b>Specificity</b>	By immunoelectrophoresis and ELISA this antibody reacts specifically with rat IgG and with light chains common to other rat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. This antibody may cross react with IgG from other species.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-Fr, ICC/IF, Flow Cyt, ELISA, IHC-P
<b>Minimal cross-reactivity</b>	Mouse <a href="#">more details</a>
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.
<b>Conjugation</b>	Alexa Fluor® 488. Ex: 495nm, Em: 519nm

### Properties

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<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>	This antibody was isolated by affinity chromatography using antigen coupled to agarose beads. F(ab') <sub>2</sub> fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed.
<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 license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased

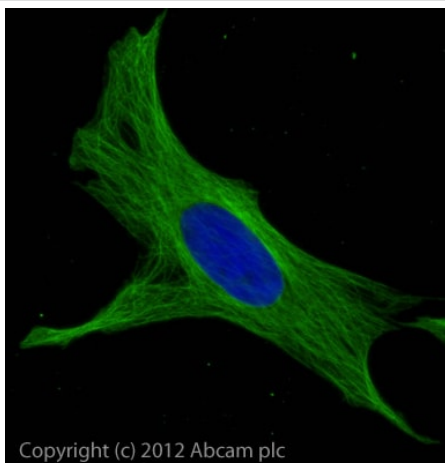
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## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab150149 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

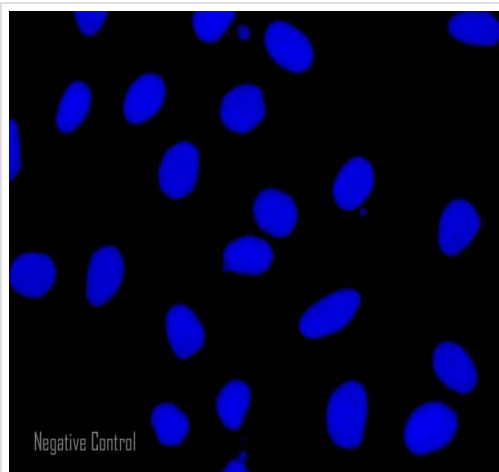
Application	Abreviews	Notes
IHC-Fr		Use at an assay dependent concentration.
ICC/IF		1/200 - 1/1000.
Flow Cyt		1/2000.
ELISA		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.

## Images



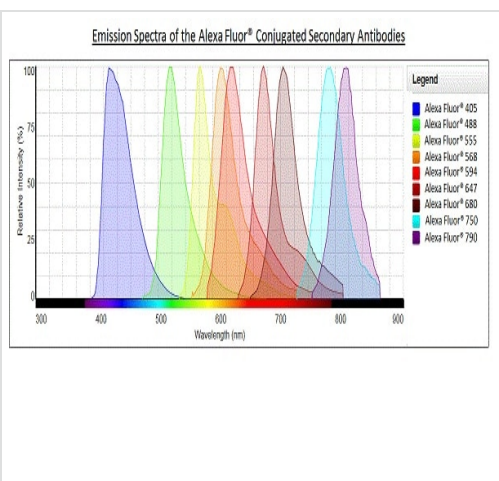
ICC/IF image of **ab6160** stained HeLa cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal donkey serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (**ab6160**, 10µg/ml) overnight at +4°C. The secondary antibody (green) was ab150149 Alexa Fluor® 488 donkey F(ab)2 anti-rat IgG (H+L) used at 1µg/ml for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

Immunocytochemistry/ Immunofluorescence -  
Donkey F(ab')2 Anti-Rat IgG H&L (Alexa Fluor® 488)  
preadsorbed (ab150149)



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 donkey 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 (green) was ab150149 Alexa Fluor® 488 donkey F(ab)<sub>2</sub> anti-rat IgG (H+L) used at 1µg/ml for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

Immunocytochemistry/ Immunofluorescence -  
Donkey F(ab)<sub>2</sub> Anti-Rat IgG H&L (Alexa Fluor® 488)  
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Alexa Fluor® - Donkey F(ab)<sub>2</sub> Anti-Rat IgG H&L  
(Alexa Fluor® 488) preadsorbed (ab150149)

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