

Product datasheet

Donkey Anti-Rabbit IgG H&L (Alexa Fluor® 568)  
ab175470

★★★★★ 2 Abreviews 34 References 4 Images

Overview

<b>Product name</b>	Donkey Anti-Rabbit IgG H&L (Alexa Fluor® 568)
<b>Host species</b>	Donkey
<b>Target species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-Fr, ICC/IF, IHC-P, Flow Cyt, ELISA
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.
<b>Conjugation</b>	Alexa Fluor® 568. Ex: 578nm, Em: 603nm

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>	This antibody 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 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 product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research.

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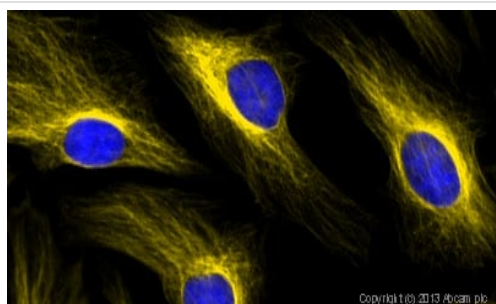
## Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab175470 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.
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.
Flow Cyt	★★★★★ (1)	1/2000.
ELISA		Use at an assay dependent concentration.

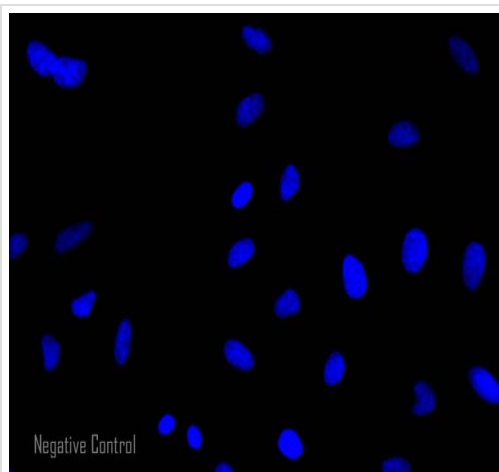
## Images



Immunocytochemistry/ Immunofluorescence -  
Donkey Anti-Rabbit IgG H&L (Alexa Fluor® 568)  
(ab175470)

ICC/IF image of [ab6046](#) 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 ([ab6046](#), 1µg/ml) overnight at +4°C. The secondary antibody (yellow) was ab175470, Alexa Fluor® 568 Donkey 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.

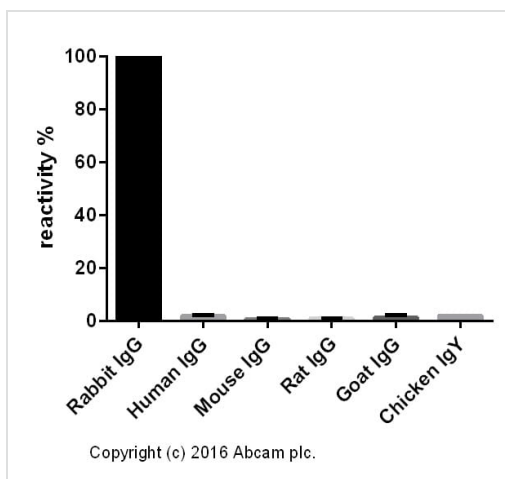
Alexa Fluor® 568 is pseudocolored in yellow.



Immunocytochemistry/ Immunofluorescence -  
Donkey Anti-Rabbit IgG H&L (Alexa Fluor® 568)  
(ab175470)

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 (yellow) was ab175470, Alexa Fluor® 568 Donkey 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.

Alexa Fluor® 568 is pseudocolored in yellow.

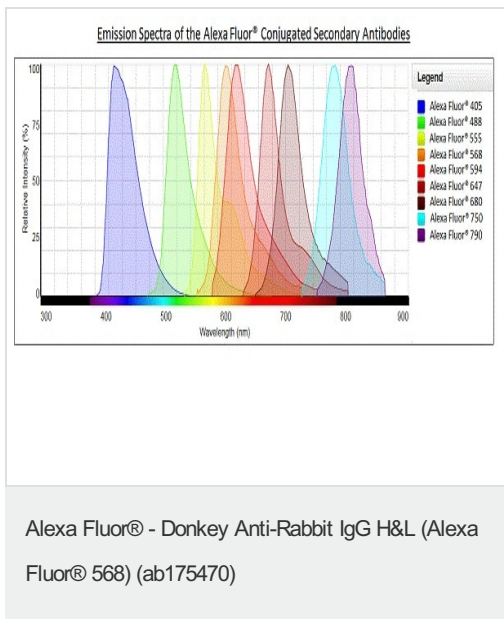


ELISA - Donkey Anti-Rabbit IgG H&L (Alexa Fluor® 568) (ab175470)

Cross-reactivity of the polyclonal secondary antibody [ab182020](#) was tested using a sandwich ELISA approach. The wells were coated with the indicated IgG standards at 1 µg/ml (50 µl/well) and incubated overnight at 4°C, followed by a 5% BSA blocking step for 2h at RT. [ab182020](#) was then added starting at 1 µg/ml and gradually diluted 1/4 (50 µl/well), followed by incubation for 2h. For the detection Goat anti-Donkey IgG H&L (HRP) ([ab6988](#)) was used at 1/20,000 dilution (50 µl/well), followed by incubation for 1h at RT.

**For the batch tested, [ab182020](#) showed a cross-reactivity below 2% towards human IgG, mouse IgG, rat IgG, goat IgG and chicken IgY.**

This data was developed using the unconjugated antibody ([ab182020](#)).



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