

## Product datasheet

# Goat Anti-Guinea pig IgG H&L (Alexa Fluor® 405) ab175678

[22 References](#) [2 Images](#)

### Overview

<b>Product name</b>	Goat Anti-Guinea pig IgG H&L (Alexa Fluor® 405)
<b>Host species</b>	Goat
<b>Target species</b>	Guinea pig
<b>Tested applications</b>	<b>Suitable for:</b> IHC-Fr, ICC/IF, ELISA, IHC-P, Flow Cyt
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.
<b>Conjugation</b>	Alexa Fluor® 405. Ex: 402nm, Em: 421nm

### 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>	The antibody was isolated by affinity chromatography using antigen coupled to agarose beads.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>General notes</b>	<p>Use goat anti-guinea pig IgG (H&amp;L) Alexa Fluor® 405 to confidently detect primary antibodies raised in guinea pig in your immunocytochemistry, flow cytometry or immunohistochemistry. Get dilutions to get the best results in your cell staining, flow cytometry or ELISA with goat anti-guinea pig IgG (H&amp;L) Alexa Fluor® 405 below.</p> <p>We recommend storage time at 4°C should be minimal, since this may affect the signal strength.</p> <p>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</p>

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## Applications

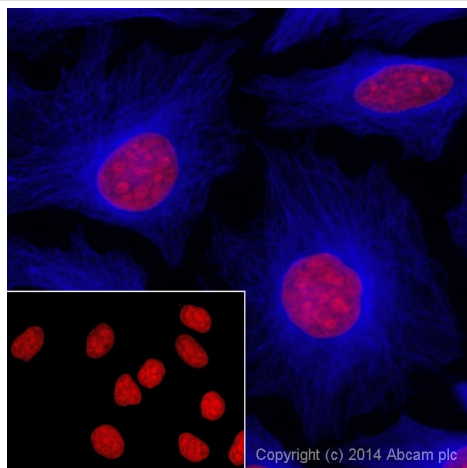
### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab175678 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. We recommend the use of a dedicated 405 filter for optimal results not the DAPI filter. The DAPI filter may not excite until the maximum emission peaks of Alexa Fluor® 405 dye (see difference below) Ex max: Alexa Fluor® 405 = 402nm / DAPI = 359nm Em max: Alexa Fluor® 405 = 421nm / DAPI = 461nm
ELISA		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
Flow Cyt		1/2000.

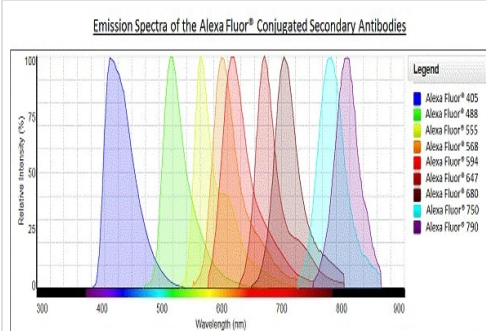
## Images



Immunocytochemistry/ Immunofluorescence - Goat  
Anti-Guinea pig IgG H&L (Alexa Fluor® 405)  
(ab175678)

ICC/IF image of **ab7291** stained HeLa cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 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 (**ab7291**, 1µg/ml) overnight at +4°C. The cells were then incubated with **ab7075**, rabbit anti-mouse HRP conjugated antibody, for 1h at a 1/250 dilution. The cells were then incubated with **ab34580**, guinea pig anti-HRP antibody, for 1h at a 1/250 dilution. Lastly, the secondary antibody (blue) was ab175678, Goat Anti-Guinea pig IgG H&L (Alexa Fluor® 405), used at 1µg/ml for 1h, as a quaternary antibody. DRAQ5™ (**ab108410**) was used to stain the cell nuclei (red) at a dilution of 1/4000.

The negative control (inset) is a secondary-only assay to demonstrate low non-specific binding of the secondary antibody.



Alexa Fluor® - Goat Anti-Guinea pig IgG H&L (Alexa  
Fluor® 405) (ab175678)

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