

## Product datasheet

# Donkey Anti-Goat IgG H&L (Alexa Fluor® 405) preadsorbed ab175665

★★★★★ [1 Abreviews](#) [13 References](#) [3 Images](#)

### Overview

<b>Product name</b>	Donkey Anti-Goat IgG H&L (Alexa Fluor® 405) preadsorbed
<b>Host species</b>	Donkey
<b>Target species</b>	Goat
<b>Specificity</b>	By immunoelectrophoresis and ELISA this antibody reacts specifically with goat IgG and with light chains common to other goat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to chicken, human, mouse, pig, rabbit 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, ICC/IF, ELISA, IHC-P, Flow Cyt
<b>Minimal cross-reactivity</b>	Chicken, Human, Mouse, Pig, Rabbit, Rat <a href="#">more details</a>
<b>Immunogen</b>	Full length protein corresponding to Goat IgG.
<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>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>General notes</b>	We recommend storage time at 4°C should be minimal, since this may affect the signal strength.  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

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## Applications

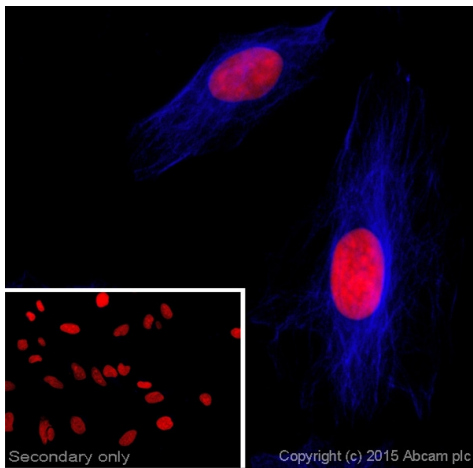
### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab175665 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	★★★★★ (1)	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.

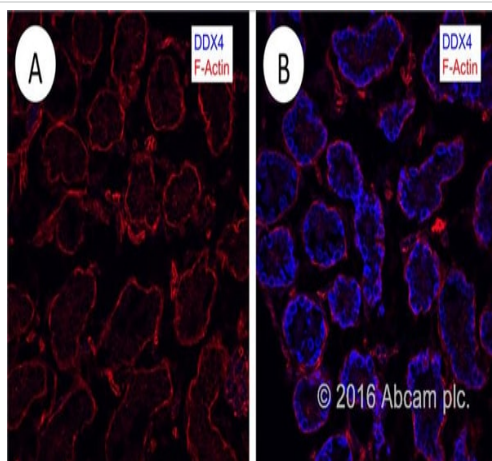
## Images



Immunocytochemistry/ Immunofluorescence -  
Donkey Anti-Goat IgG H&L (Alexa Fluor® 405)  
preadsorbed (ab175665)

ICC/IF image of **ab7291** stained HeLa cells. The cells were 100% methanol fixed (5 min), permeabilized with 0.1% Triton X-100 for 5 minutes and then incubated in 1%BSA / 0.3M glycine in 0.1% PBS-Tween for 1h to block non-specific protein-protein interactions. The cells were then incubated with the primary antibody (**ab7291**, 1µg/ml) overnight at +4°C. Ab98800, goat anti-mouse IgG, was then added as a secondary bridging antibody, at 1/250 dilution for 1h. Ab175665 Alexa Fluor® 405 Donkey polyclonal Secondary Antibody to Goat IgG - H&L pre-adsorbed (blue) was then used at 1µg/ml for 1h as a tertiary antibody. DRAQ5™ (**ab108410**) was used to stain the cell nuclei (red) at a concentration of 1.25µM.

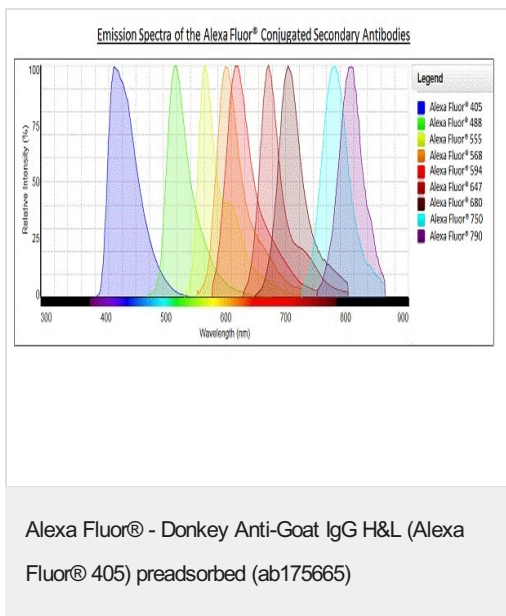
The negative control (inset) is a secondary-only assay to demonstrate low non-specific binding of the secondary antibody.



Immunohistochemistry (Frozen sections) - Donkey  
Anti-Goat IgG H&L (Alexa Fluor® 405) preadsorbed  
(ab175665)

This image is courtesy of an Abreview submitted by  
Bryan Niedenberger

Postnatal day 6 mouse testes were fixed with 4% paraformaldehyde. Tissue was embedded in O.C.T. and frozen. 5 micron sections were cut and transferred to slides. Sections were permeabilized with 0.1% Triton X-100 in PBS, and blocked with 3% BSA in 0.1% Triton X-100 + PBS. Sections were incubated with either (A) no primary antibody or (B) Goat Anti-DDX4 at a 1/800 dilution for 1 h at RT. Sections were then washed 3X with 0.1% Triton X-100 in PBS and Donkey Anti-Goat IgG H&L (Alexa Fluor® 405) (ab175665) applied at a 1/500 dilution. Sections were then mounted after washing 3X with 0.1% Triton X-100 in PBS.



**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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