

Product datasheet

Donkey Anti-Rat IgG H&L (Alexa Fluor® 405) preadsorbed ab175670

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

Overview

Product name	Donkey Anti-Rat IgG H&L (Alexa Fluor® 405) preadsorbed
Host species	Donkey
Target species	Rat
Specificity	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.
Tested applications	Suitable for: Flow Cyt, ICC/IF, IHC-P, ELISA, IHC-Fr
Minimal cross-reactivity	Human, Mouse more details
Immunogen	The details of the immunogen for this antibody are not available.
Conjugation	Alexa Fluor® 405. Ex: 402nm, Em: 421nm

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 human and mouse immunosorbents to remove cross reactive antibodies. The antibody to rat IgG was isolated by affinity chromatography using antigen coupled to agarose beads.
Clonality	Polyclonal
Isotype	IgG
General notes	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

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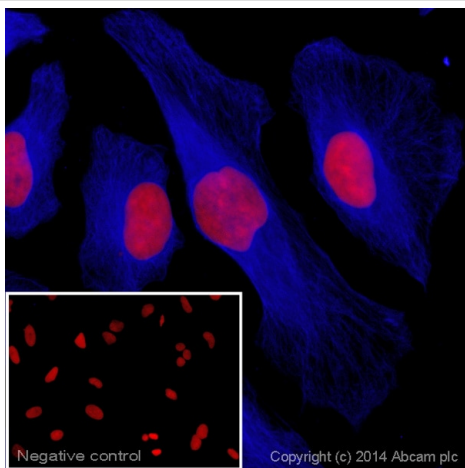
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab175670 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
Flow Cyt		1/2000.
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
IHC-P		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.

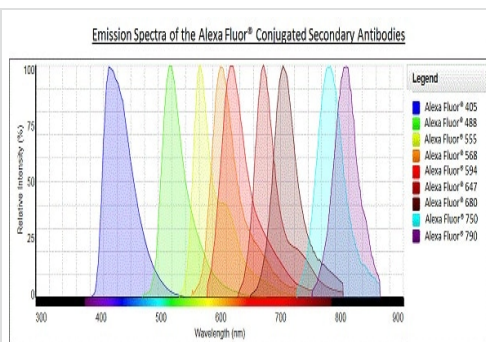
Images



Immunocytochemistry/ Immunofluorescence -
Donkey Anti-Rat IgG H&L (Alexa Fluor® 405)
preadsorbed (ab175670)

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**, 2µg/ml) overnight at +4°C. The secondary antibody (blue) was ab175670 Alexa Fluor® 405 Donkey polyclonal Secondary Antibody to Rat IgG - H&L pre-adsorbed, used at 1 µg/ml for 1h. 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.



Alexa Fluor® - Donkey Anti-Rat IgG H&L (Alexa Fluor® 405) preadsorbed (ab175670)

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

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