

Product datasheet

Donkey Anti-Rabbit IgG H&L (Alexa Fluor® 405) preadsorbed ab175649

★★★★★ [3 Abreviews](#) [30 References](#) [2 Images](#)

Overview

Product name	Donkey Anti-Rabbit IgG H&L (Alexa Fluor® 405) preadsorbed
Host species	Donkey
Target species	Rabbit
Specificity	By immunoelectrophoresis and ELISA this antibody reacts specifically with rabbit IgG and with light chains common to other rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Reduced cross-reactivity to bovine, chicken, goat, human, mouse, pig and rat IgG was detected. This antibody may cross react with IgG from other species.
Tested applications	Suitable for: IHC-Fr, IHC-P, ELISA, ICC/IF, Flow Cyt
Minimal cross-reactivity	Chicken, Cow, Goat, Human, Mouse, Pig, Rat 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 bovine, chicken, goat, human, mouse, pig and rat immunosorbents to remove cross reactive Antibodies. The antibody to rabbit 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.

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Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab175649 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.
IHC-P		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
ICC/IF	★★★★★ (1)	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
Flow Cyt		1/2000.

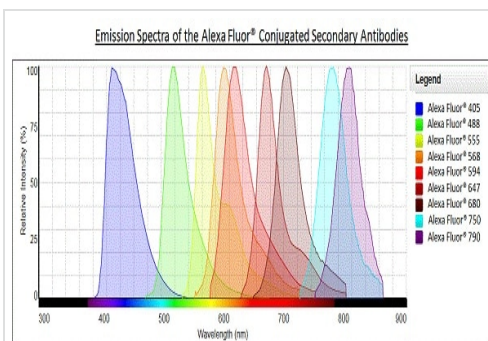
Images



ICC/IF image of **ab6046** 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 primary antibody (**ab6046**, 1µg/ml) overnight at +4°C. The secondary antibody (blue) was ab175649, Donkey Anti-Rabbit IgG H&L (Alexa Fluor® 405) preadsorbed, used at 2µg/ml for 1h at room temperature. 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.

Immunocytochemistry/ Immunofluorescence -
Donkey Anti-Rabbit IgG H&L (Alexa Fluor® 405)
preadsorbed (ab175649)



Alexa Fluor® - Donkey Anti-Rabbit IgG H&L (Alexa
Fluor® 405) preadsorbed (ab175649)

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