

Product datasheet

Donkey Anti-Goat IgG H&L (Alexa Fluor® 568) preadsorbed ab175704

★★★★★ 2 Abreviews 16 References 3 Images

Overview

Product name	Donkey Anti-Goat IgG H&L (Alexa Fluor® 568) preadsorbed
Host species	Donkey
Target species	Goat
Specificity	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.
Tested applications	Suitable for: IHC-Fr, IHC-P, ELISA, ICC/IF, Flow Cyt
Minimal cross-reactivity	Chicken, Human, Mouse, Rabbit, Rat more details
Immunogen	Full length protein corresponding to Goat IgG.
Conjugation	Alexa Fluor® 568. Ex: 578nm, Em: 603nm

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

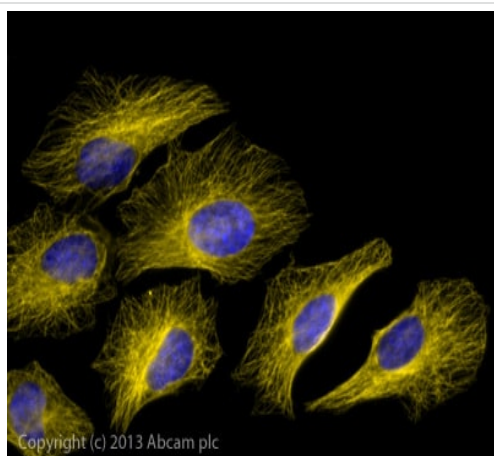
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Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab175704 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.
IHC-P		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
ICC/IF		1/200 - 1/1000.
Flow Cyt		1/2000.

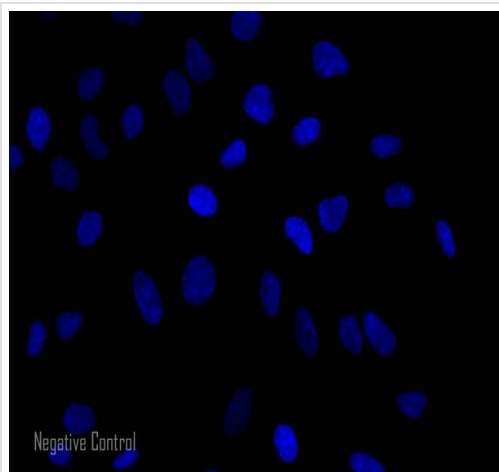
Images



Immunocytochemistry/ Immunofluorescence -
Donkey Anti-Goat IgG H&L (Alexa Fluor® 568)
preadsorbed (ab175704)

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. Ab98800, Goat anti-Mouse IgG, was then added as a secondary bridging antibody, at 1/250 dilution for 1h. Ab175704 Alexa Fluor® 568 Donkey anti-Goat IgG(H&L) (yellow) was then used at 1 µg/ml for 1h as a tertiary antibody. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

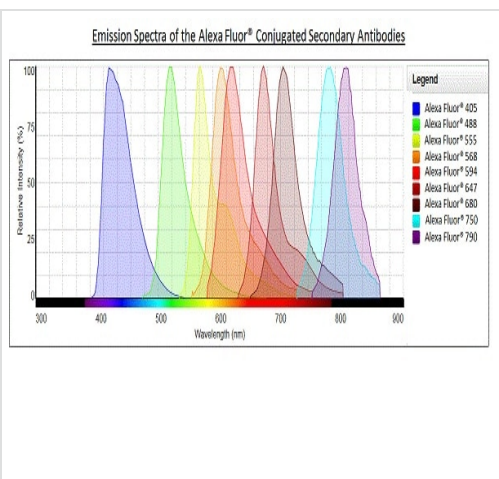
Alexa Fluor® 568 is pseudocolored in yellow.



Immunocytochemistry/ Immunofluorescence -
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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 / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. ab175704 Alexa Fluor® 568 Donkey anti-Goat IgG(H&L) (yellow) was used at 1µg/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.



Alexa Fluor® - Donkey Anti-Goat IgG H&L (Alexa Fluor® 568) preadsorbed (ab175704)

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