

Product datasheet

Goat Anti-Rat IgG H&L (Alexa Fluor® 568) preadsorbed ab175710

[8 References](#) [3 Images](#)

Overview

Product name	Goat Anti-Rat IgG H&L (Alexa Fluor® 568) preadsorbed
Host species	Goat
Target species	Rat
Specificity	By immunoelectrophoresis and ELISA this antibody reacts specifically with rat IgG and with light chain common to other rat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to bovine, chicken, human, mouse, rabbit and sheep IgG was detected. This antibody may cross react with IgG from other species.
Tested applications	Suitable for: IHC-Fr, Flow Cyt, ICC/IF, IHC-P, ELISA
Minimal cross-reactivity	Chicken, Cow, Human, Mouse, Rabbit, Sheep more details
Immunogen	The details of the immunogen for this antibody are not available.
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 bovine, chicken, human, mouse, rabbit and sheep 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	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

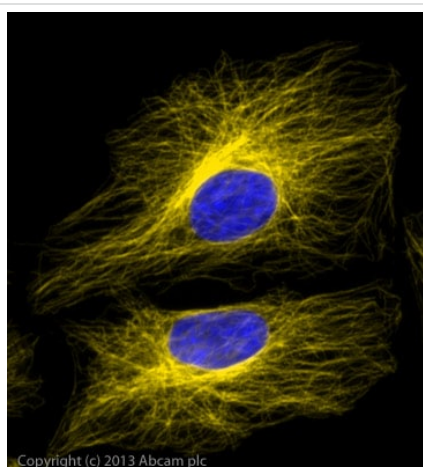
The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab175710 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.
Flow Cyt		1/2000.
ICC/IF		1/200 - 1/1000.
IHC-P		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.

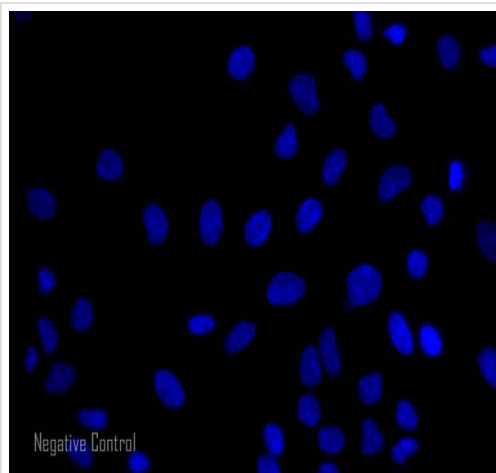
Images



ICC/IF image of **ab6160** stained HeLa cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat 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**, 1µg/ml) overnight at +4°C. The secondary antibody (yellow) was ab175710 Alexa Fluor® 568 Goat anti-Rat IgG (H&L) 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.

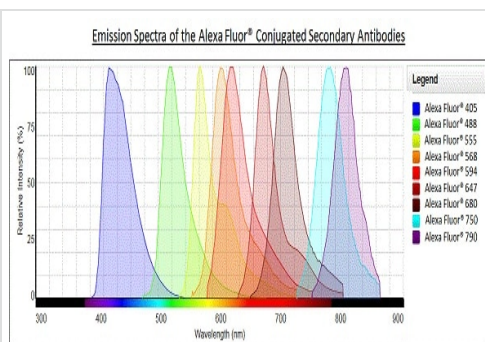
Immunocytochemistry/ Immunofluorescence - Goat Anti-Rat IgG H&L (Alexa Fluor® 568) preadsorbed (ab175710)



Immunocytochemistry/ Immunofluorescence - Goat Anti-Rat IgG H&L (Alexa Fluor® 568) preadsorbed (ab175710)

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 / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The secondary antibody (yellow) was ab175710 Alexa Fluor® 568 Goat anti-Rat IgG (H&L) 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® - Goat Anti-Rat IgG H&L (Alexa Fluor® 568) preadsorbed (ab175710)

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

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