

Product datasheet

Rabbit Anti-Goat IgG H&L (Alexa Fluor® 568) preadsorbed ab175707

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Overview

Product name	Rabbit Anti-Goat IgG H&L (Alexa Fluor® 568) preadsorbed	
Host species	Rabbit	
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. Reduced cross-reactivity to chicken, horse, human, mouse, pig and rat IgG was detected.	
Tested applications	Suitable for: IHC-Fr, ELISA, ICC/IF, Flow Cyt, IHC-P	
Minimal cross-reactivity	Chicken, Horse, Human, Mouse, Pig, Rat	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 chicken, horse, human, mouse, pig 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	

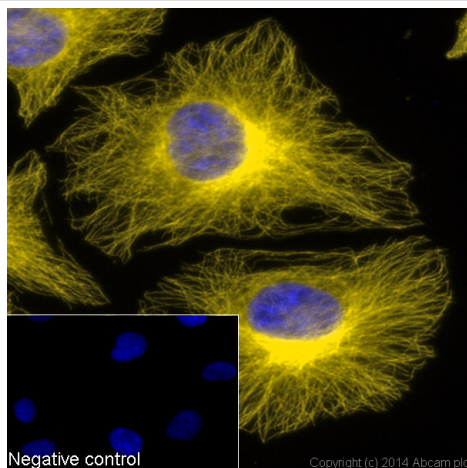
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Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab175707 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.
ELISA		Use at an assay dependent concentration.
ICC/IF		1/200 - 1/1000.
Flow Cyt		1/2000.
IHC-P		Use at an assay dependent concentration.

Images

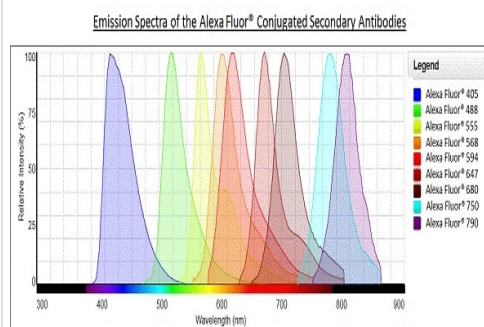


Immunocytochemistry/ Immunofluorescence - Rabbit Anti-Goat IgG H&L (Alexa Fluor® 568) preadsorbed (ab175707)

ICC/IF image of **ab7291** stained HeLa cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% rabbit 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 (**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. Ab175707, Rabbit Anti-Goat IgG H&L (Alexa Fluor® 568) preadsorbed (yellow) was then used at 1µg/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.

The secondary antibody only control displays negative staining, as expected.



Alexa Fluor® - Rabbit Anti-Goat IgG H&L (Alexa Fluor® 568) preadsorbed (ab175707)

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