

Product datasheet

Donkey Anti-Rat IgG H&L (Alexa Fluor® 594) preadsorbed ab150156

★★★★☆ [3 Abreviews](#) [15 References](#) [3 Images](#)

Overview

Product name	Donkey Anti-Rat IgG H&L (Alexa Fluor® 594) 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: IHC-Fr, ICC/IF, ELISA, IHC-P, Flow Cyt	
Minimal cross-reactivity	Human, Mouse	more details
Immunogen	Synthetic peptide corresponding to IgG.	
Conjugation	Alexa Fluor® 594. Ex: 590nm, Em: 617nm	

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	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 purchase of this product conveys to the buyer the non-transferable right to use the purchased

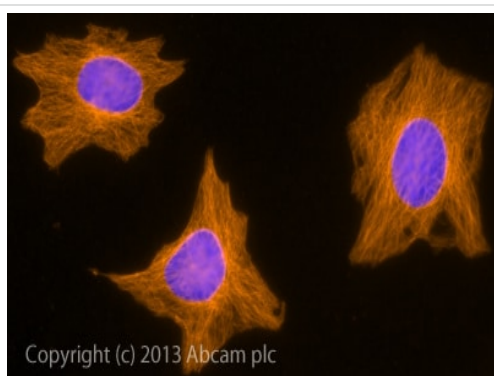
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Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab150156 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

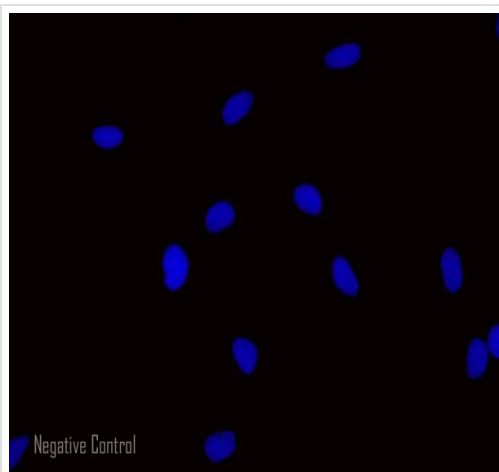
Application	Abreviews	Notes
IHC-Fr		Use at an assay dependent concentration.
ICC/IF		1/200 - 1/1000.
ELISA		Use at an assay dependent concentration. Use at an assay dependent dilution
IHC-P	★★★★★ (2)	Use at an assay dependent concentration. Use at an assay dependent dilution
Flow Cyt		1/2000.

Images



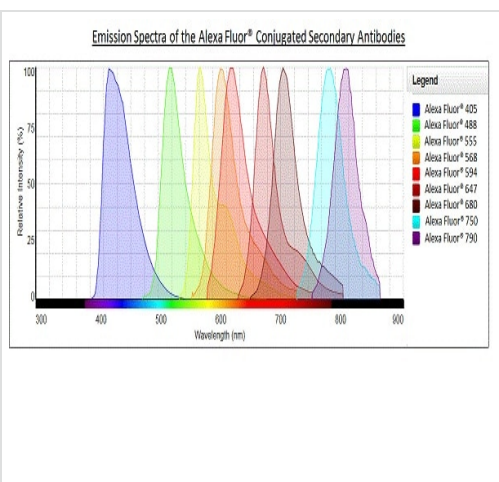
ICC/IF image of **ab6160** stained HeLa cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal donkey serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (**ab6160**, 2µg/ml) overnight at +4°C. The secondary antibody (orange) was ab150156 Alexa Fluor® 594 donkey 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.

Immunocytochemistry/ Immunofluorescence -
Donkey Anti-Rat IgG H&L (Alexa Fluor® 594)
preadsorbed (ab150156)



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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 / 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 secondary antibody (orange) was ab150156 Alexa Fluor® 594 donkey 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® - Donkey Anti-Rat IgG H&L (Alexa Fluor® 594) preadsorbed (ab150156)

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