

Product datasheet

Donkey F(ab')₂ Anti-Rat IgG H&L (Alexa Fluor® 568) preadsorbed ab175708

3 Images

Overview

Product name	Donkey F(ab') ₂ Anti-Rat IgG H&L (Alexa Fluor® 568) preadsorbed
Host species	Donkey
Target species	Rat
Specificity	Reacts with the heavy and light chains of rat IgG as demonstrated by ELISA. May also react with other species and with the light chains of other rat immunoglobulins. Minimal cross reaction to mouse serum proteins.
Tested applications	Suitable for: ICC/IF, IHC-P, Flow Cyt, ELISA, IHC-Fr
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
Clonality	Polyclonal
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 product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research.

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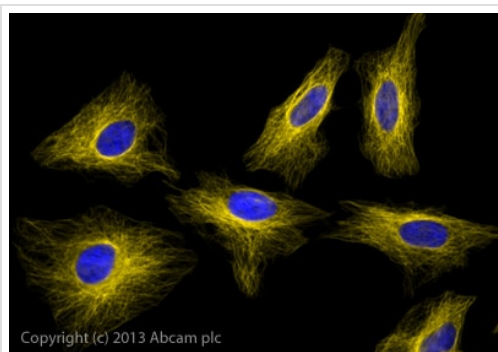
Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab175708 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
ICC/IF		1/200 - 1/1000.
IHC-P		Use at an assay dependent concentration.
Flow Cyt		1/2000.
ELISA		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.

Images

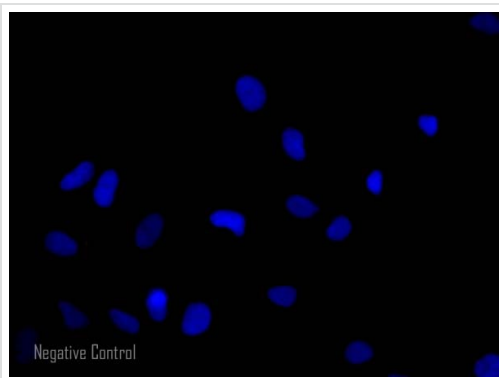


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Immunocytochemistry/ Immunofluorescence -
Donkey F(ab')₂ Anti-Rat IgG H&L (Alexa Fluor® 568)
preadsorbed (ab175708)

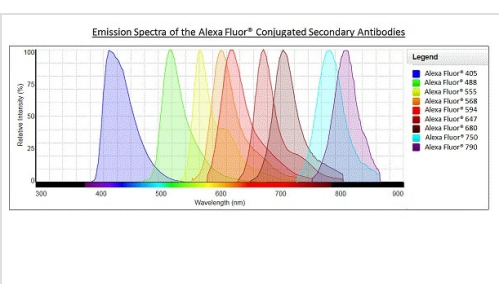
ICC/IF image of [ab6160](#) stained HeLa cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal donkey serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody ([ab6160](#), 1µg/ml) overnight at +4°C. The secondary antibody (yellow) was ab175708 Alexa Fluor® 568 donkey F(ab)₂ 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 -
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HeLa cells showing negative staining by ICC/IF using secondary antibody only. 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 (yellow) was ab175708 Alexa Fluor® 568 donkey F(ab)₂ 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 F(ab')₂ Anti-Rat IgG H&L
(Alexa Fluor® 568) preadsorbed (ab175708)

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