

Product datasheet

Donkey Anti-Mouse IgG H&L (Alexa Fluor® 594) ab150108

★★★★★ [1 Abreviews](#) [112 References](#) [3 Images](#)

Overview

Product name	Donkey Anti-Mouse IgG H&L (Alexa Fluor® 594)
Host species	Donkey
Target species	Mouse
Tested applications	Suitable for: IHC-Fr, ICC/IF, ELISA, IHC-P, Flow Cyt
Immunogen	The details of the immunogen for this antibody are not available.
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	The antibody 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 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.

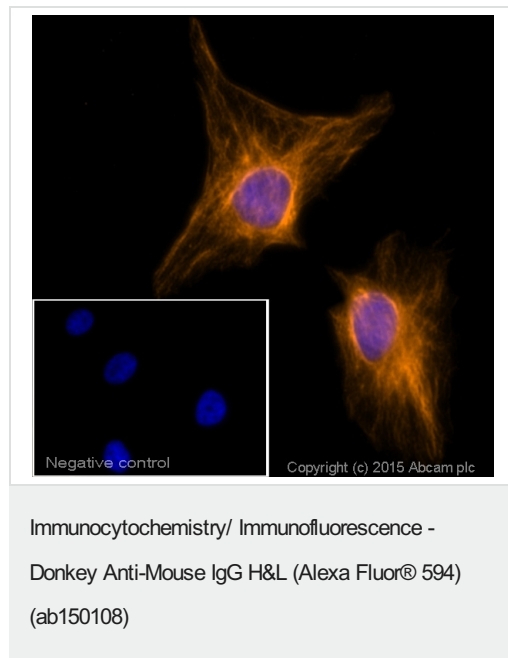
For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com.

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab150108 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

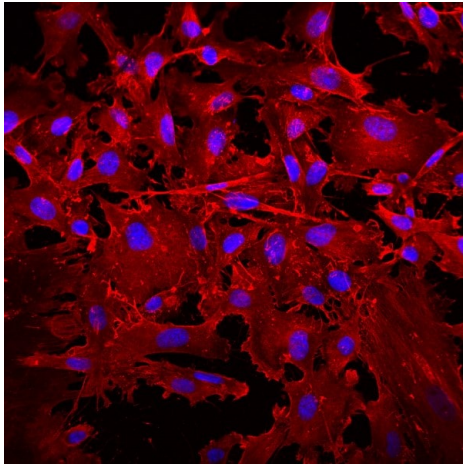
Application	Abreviews	Notes
IHC-Fr		Use at an assay dependent concentration.
ICC/IF	★★★★★ (1)	1/200 - 1/1000.
ELISA		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
Flow Cyt		1/2000. ab178000 - Mouse monoclonal IgG1 (Alexa Fluor® 594), is suitable for use as an isotype control to complement this secondary antibody.

Images



ICC/IF image of **ab7291** stained HeLa cells. The cells were 100% methanol fixed (5 min), permeabilized with 0.1% Triton X-100 for 5 minutes and then incubated in 1%BSA / 10% normal donkey serum / 0.3M glycine in 0.1% PBS-Tween for 1h to block non-specific protein-protein interactions. The cells were then incubated with the antibody (**ab7291**, 2µg/ml) overnight at +4°C. The secondary antibody (orange) was ab150108 Alexa Fluor® 594 donkey anti-mouse IgG (H+L) used at 1µg/ml for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

The negative control (inset) is a secondary-only assay to demonstrate low non-specific binding of the secondary antibody.

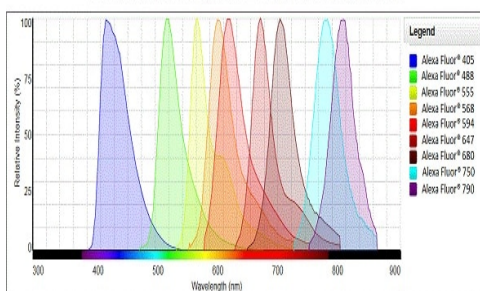


Immunocytochemistry/ Immunofluorescence -
Donkey Anti-Mouse IgG H&L (Alexa Fluor® 594)
(ab150108)

This image is courtesy of an Abreview submitted by Sun Jeong Kim.

ab16287 staining SSEA4 in rat stem cells derived from tendon by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with paraformaldehyde, permeabilized with PBS containing 0.25% Triton X-100 and blocked with 1% BSA for 30 minutes at room temperature. Samples were incubated with primary antibody (1/100) for 20 hour at 4°C. An Alexa Fluor® 594-conjugated donkey anti-mouse IgG H&L (ab150108) (1/1000) was used as the secondary antibody.

Emission Spectra of the Alexa Fluor® Conjugated Secondary Antibodies



Alexa Fluor® - Donkey Anti-Mouse IgG H&L (Alexa Fluor® 594) (ab150108)

Emission spectra of the Alexa Fluor® conjugated secondary antibodies.

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