

Product datasheet

Donkey Anti-Sheep IgG H&L (Alexa Fluor® 488) ab150177

★★★★★ 1 Abreviews 4 References 4 Images

Overview

Product name	Donkey Anti-Sheep IgG H&L (Alexa Fluor® 488)
Description	Donkey polyclonal Secondary Antibody to Sheep IgG - H&L (Alexa Fluor® 488)
Host species	Donkey
Target species	Sheep
Specificity	This antibody is specific to Sheep IgG
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® 488. Ex: 495nm, Em: 519nm

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.
Storage buffer	Preservative: 0.02% Sodium azide Constituents: 23% Glycerol, PBS, 1% BSA
Purity	Immunogen affinity purified
Purification notes	This 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

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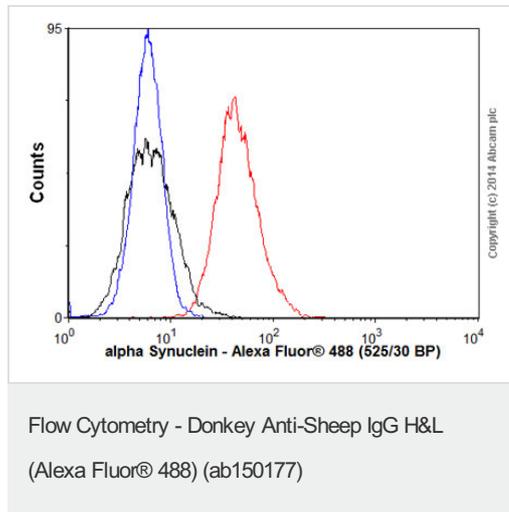
Applications

Our [Abpromise guarantee](#) covers the use of **ab150177** 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.
IHC-P		Use at an assay dependent concentration.
Flow Cyt		1/2000.

Images

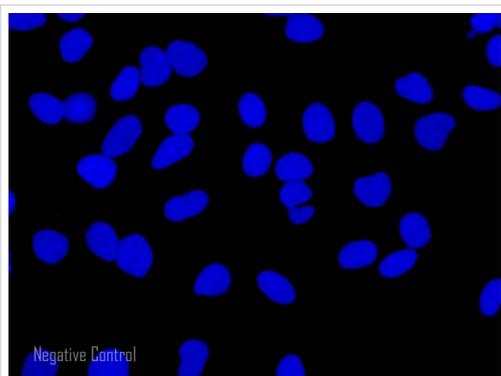


Overlay histogram showing HeLa cells stained with [ab21976](#) (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal donkey serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody ([ab21976](#), 0.1µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody Donkey anti-sheep IgG H&L (Alexa Fluor® 488) ([ab150177](#)) was used at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was sheep IgG ([ab37385](#), 0.1µg/1x10⁶ cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.



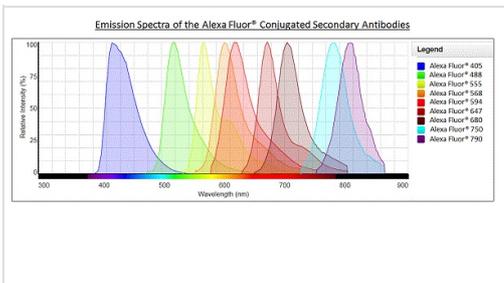
Immunocytochemistry/ Immunofluorescence -
Donkey Anti-Sheep IgG H&L (Alexa Fluor® 488)
(ab150177)

ICC/IF image of [ab7291](#) stained HeLa cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 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](#), 5µg/ml) overnight at +4°C. Ab6710, sheep anti-mouse IgG, was then added as a secondary bridging antibody, at 1/250 dilution for 1h. Ab150177 Alexa Fluor® 488 donkey anti-sheep IgG (H+L) (green) was then used at 2µg/ml for 1h as a tertiary antibody. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Immunocytochemistry/ Immunofluorescence -
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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 / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. [ab150177](#) Alexa Fluor® 488 donkey anti-sheep IgG (H+L) (green) was used at 2µg/ml for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Alexa Fluor® - Donkey Anti-Sheep IgG H&L (Alexa Fluor® 488) (ab150177)

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