Goat Anti-Rat IgG H&L (Alexa Fluor® 594) ab150160

Overview

Product name: Goat Anti-Rat IgG H&L (Alexa Fluor® 594)
Host species: Goat
Target species: Rat
Tested applications: Suitable for: IHC-Fr, ICC/IF, ELISA, IHC-P, Flow Cyt, IHC-FoFr
Immunogen: Synthetic peptide corresponding to IgG.
Conjugation: Alexa Fluor® 594. Ex: 590nm, Em: 617nm

Properties

Form: Liquid
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) to provide a service, information, or data in return for payment (ii) 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
The Abpromise guarantee

Our Abpromise guarantee covers the use of ab150160 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
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<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<td>IHC-Fr</td>
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<td>Use at an assay dependent concentration.</td>
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<td>ICC/IF</td>
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<td>1/200 - 1/1000.</td>
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<td>ELISA</td>
<td></td>
<td>Use at an assay dependent concentration. Use at an assay dependent dilution</td>
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<td>IHC-P</td>
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<tr>
<td>IHC-FoFr</td>
<td></td>
<td>Use at an assay dependent concentration. PubMed: 28446880</td>
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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 goat 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 ab150160 Alexa Fluor® 594 goat 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.
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 goat 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 ab150160 Alexa Fluor® 594 goat 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.
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