abcam

Product datasheet

Goat Anti-Mouse IgG H&L (Alexa Fluor® 647) ab150115

★★★★★ 6 Abreviews 479 References 画像数 6

製品の概要

製品名	Goat Anti-Mouse IgG H&L (Alexa Fluor® 647)
由来種	Goat
ターゲット生物種	Mouse
特異性	ab150115 is specific to Mouse IgG. ab150115 has less than 47% cross-reactivity with rat IgG.
アプリケーション	**適用あり:** IHC-Fr, ICC/IF, ELISA, IHC-P, Flow Cyt
免疫原	The details of the immunogen for this antibody are not available.
標識	Alexa Fluor® 647. Ex: 652nm, Em: 668nm

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Preservative: 0.02% Sodium azide Constituents: 23% Glycerol (glycerin, glycerine), PBS, 1% BSA
精製度	Immunogen affinity purified
特記事項（精製）	This antibody was isolated by affinity chromatography using antigen coupled to agarose beads.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG
特記事項	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: 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**.

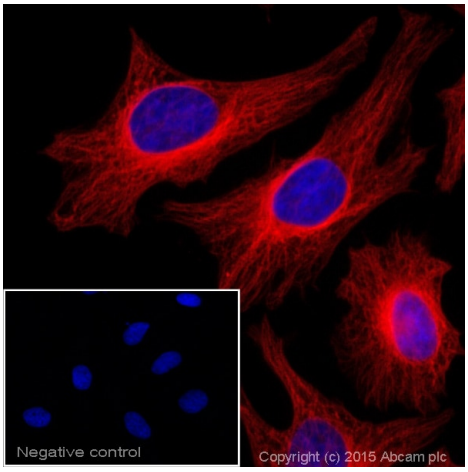
アプリケーション

The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab150115の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-Fr	★★★★☆ (2)	Use at an assay dependent concentration.
ICC/IF	★★★★★ (4)	1/200 - 1/1000.
ELISA		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
Flow Cyt		1/2000 - 1/4000. **ab176103** - Mouse monoclonal IgG1 (Alexa Fluor® 647), is suitable for use as an isotype control to complement this secondary antibody.

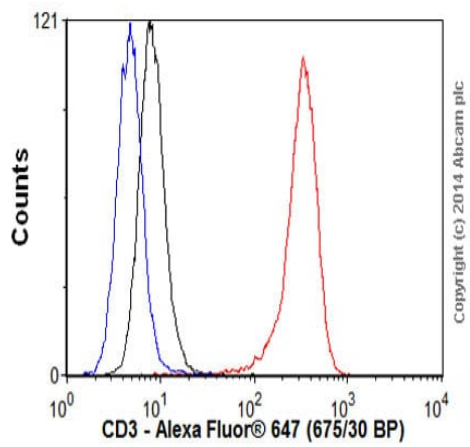
画像



Immunocytochemistry/ Immunofluorescence - Goat Anti-Mouse IgG H&L (Alexa Fluor® 647) (ab150115)

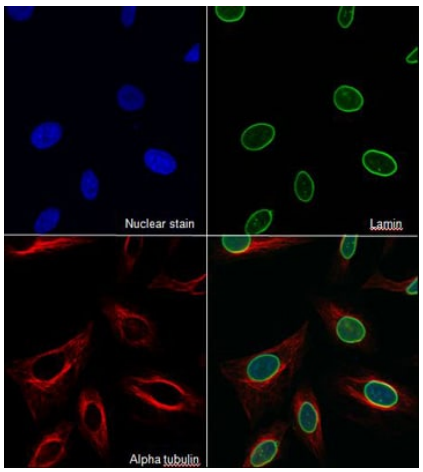
ICC/IF image of **ab7291** stained HeLa cells. The cells were 4% paraformaldehyde fixed (10 min), permeabilized with 0.1% Triton X-100 for 5 minutes and then incubated in 1% BSA / 10% normal donkey serum / 0.3M glycine in 0.1% PBS-Tween for 1h to block non-specific protein-protein interactions. The cells were then incubated with the primary antibody (**ab7291**, 5µg/ml) overnight at +4°C. The secondary antibody (red) was ab150115 Alexa Fluor® 647 goat 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.



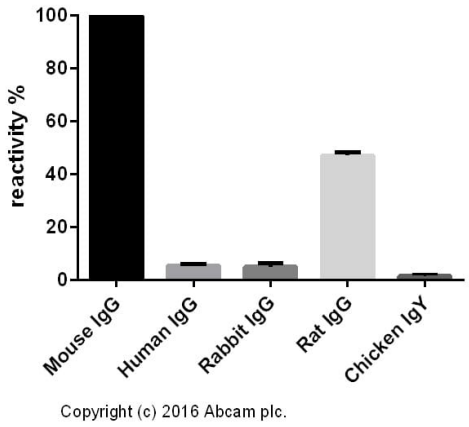
Flow Cytometry - Goat Anti-Mouse IgG H&L (Alexa Fluor® 647) (ab150115)

Overlay histogram showing Jurkat cells stained with **ab8090** (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 goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (**ab8090**, 0.1µg/1x10^6 cells) for 30 min at 22°C. The secondary antibody Goat anti-mouse IgG H&L (Alexa Fluor® 647) (ab150115) was used at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] (**ab91361**, 0.1µg/1x10^6 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 solid-state 25mW red diode laser (635nm) and 675/30 bandpass filter.



Immunocytochemistry/ Immunofluorescence - Goat Anti-Mouse IgG H&L (Alexa Fluor® 647) (ab150115)

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 (**ab7291**, 1µg/ml) and (**ab16048**, 1µg/ml) overnight at +4°C. The secondary antibodies were ab150115 Alexa Fluor® 647 (red) goat anti-mouse IgG (H+L) used at 2µg/ml for 1h and **ab150077** Alexa Fluor® 488 (green) goat anti-rabbit IgG (H+L) used at 2µg/ml for 1h. DAPI was used to stain the cell nuclei.

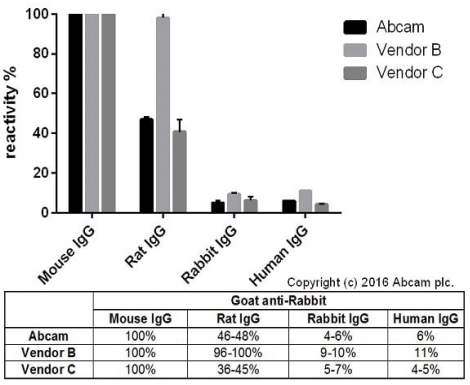


ELISA - Goat Anti-Mouse IgG H&L (Alexa Fluor® 647) (ab150115)

Cross-reactivity of the polyclonal secondary antibody **ab182017** was tested using a sandwich ELISA approach. The wells were coated with the indicated IgG standards at 1 µg/ml (50µl/well) and incubated overnight at 4°C, followed by a 5% BSA blocking step for 2h at RT. **ab182017** was then added starting at 1 µg/ml and gradually diluted 1/4 (50 µl/well), followed by incubation for 2h. For the detection Donkey anti-Goat IgG H&L (HRP) (**ab6885**) was used at 1/10,000 dilution (50 µl/well), followed by incubation for 1h at RT.

Fot the batch tested, ab182017 showed a cross-reactivity below 2% towards Chicken IgY, 6% towards Human IgG, 7% towards Rabbit IgG and 47% towards Rat IgG.

This data was developed using the unconjugated antibody (**ab182017**).

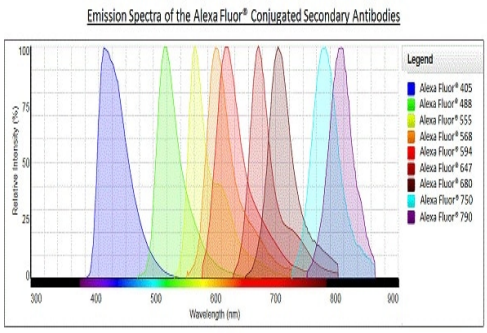


	Goat anti-Rabbit			
	Mouse IgG	Rat IgG	Rabbit IgG	Human IgG
Abcam	100%	46-48%	4-6%	6%
Vendor B	100%	96-100%	9-10%	11%
Vendor C	100%	36-45%	5-7%	4-5%

ELISA - Goat Anti-Mouse IgG H&L (Alexa Fluor® 647) (ab150115)

Cross-reactivity of Goat anti-Mouse IgG H&L (**ab182017**) and Goat anti-Mouse IgG H&L obtained from two different vendors was tested using a sandwich ELISA approach. The wells were coated with the indicated IgG standards (Rabbit, Human, Mouse and Rat) at 1 µg/ml (50µl/well) and incubated overnight at 4°C, followed by a 5% BSA blocking step for 2h at RT. Secondary antibodies were then added starting at 1 µg/ml and gradually diluted 1/4 (50 µl/well), followed by incubation for 2h. For the detection Donkey anti-Goat IgG H&L (HRP) (**ab6885**) was used at 1/10,000 dilution (50 µl/well), followed by incubation for 1h at RT. This data is from a representative dilution.

This data was developed using the unconjugated antibody (**ab182017**).



Alexa Fluor® - Goat Anti-Mouse IgG H&L (Alexa Fluor® 647) (ab150115)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.co.jp/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors