abcam

Product datasheet

Goat Anti-Rabbit IgG H&L (Alexa Fluor® 405) ab175652

★★★★★ 2 Abreviews 33 References 4 图像

概述

产品名称	**山羊抗兔**IgG H&L (Alexa Fluor® 405)
宿主	Goat
靶标种属	Rabbit
经测试应用	**适用于:** IHC-Fr, ELISA, Flow Cyt, IHC-P, ICC/IF
免疫原	The details of the immunogen for this antibody are not available.
偶联物	Alexa Fluor® 405. Ex: 402nm, Em: 421nm

性能

形式	Liquid
存放说明	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.
存储溶液	Preservative: 0.02% Sodium azide Constituents: 23% Glycerol (glycerin, glycerine), PBS, 1% BSA
纯度	Immunogen affinity purified
纯化说明	This antibody was isolated by affinity chromatography using antigen coupled to agarose beads.
克隆	**多克隆**
同种型	IgG
常规说明	We recommend storage time at 4°C should be minimal, since this may affect the signal strength. 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**.

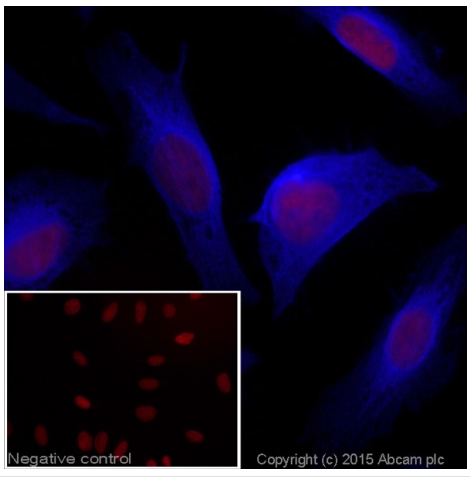
应用

The Abpromise guarantee **Abpromise™承诺保证使用ab175652于以下的经测试应用**

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

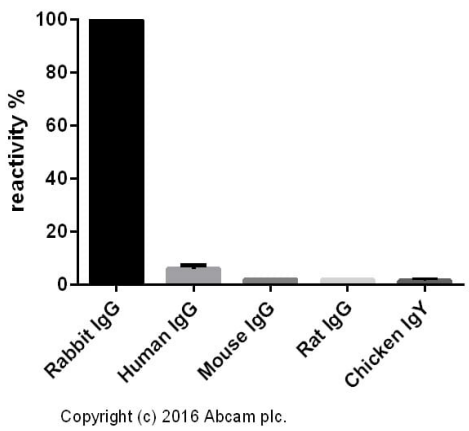
应用	Ab评论	说明
IHC-Fr	★★★★☆ (1)	Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
Flow Cyt	★★★★★ (1)	1/2000.
IHC-P		Use at an assay dependent concentration.
ICC/IF		1/200 - 1/1000. We recommend the use of a dedicated 405 filter for optimal results not the DAPI filter. The DAPI filter may not excite until the maximum emission peaks of Alexa Fluor® 405 dye (see difference below) Ex max: Alexa Fluor® 405 = 402nm / DAPI = 359nm Em max: Alexa Fluor® 405 = 421nm / DAPI = 461nm

图片



Immunocytochemistry/ Immunofluorescence - Goat Anti-Rabbit IgG H&L (Alexa Fluor® 405) (ab175652)

ICC/IF image of **ab6046** stained HeLa cells. The cells were 4% PFA fixed (10 min), permeabilized with 0.1% Triton X-100 for 5 minutes and then incubated in 1%BSA / 10% normal goat 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 (**ab6046**, 5µg/ml) overnight at +4°C. The secondary antibody (blue) was ab175652 Alexa Fluor® 405 goat anti-rabbit IgG (H+L) used at 2µg/ml for 1h. DRAQ5™ (**ab108410**) was used to stain the cell nuclei (red) at a concentration of 1.25µM.

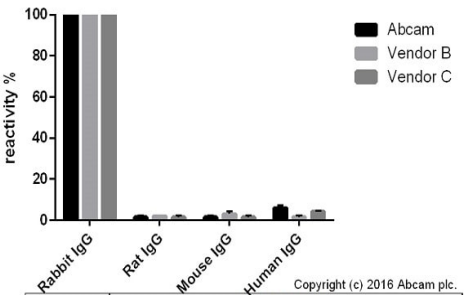


ELISA - Goat Anti-Rabbit IgG H&L (Alexa Fluor® 405) (ab175652)

Cross-reactivity of the polyclonal secondary antibody **ab182016** was tested using a sandwich ELISA approach. The wells were coated with the indicated IgG standards at 1 µg/ml (50 µl/well) and incubated overnight at 4°C, followed by a 5% BSA blocking step for 2h at RT. **ab182016** 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.

For the batch tested, ab182016 showed a cross-reactivity of 5-7% towards Human IgG and below 2% towards Mouse IgG, Rat IgG and Chicken IgY.

This data was developed using the unconjugated antibody (**ab182016**).

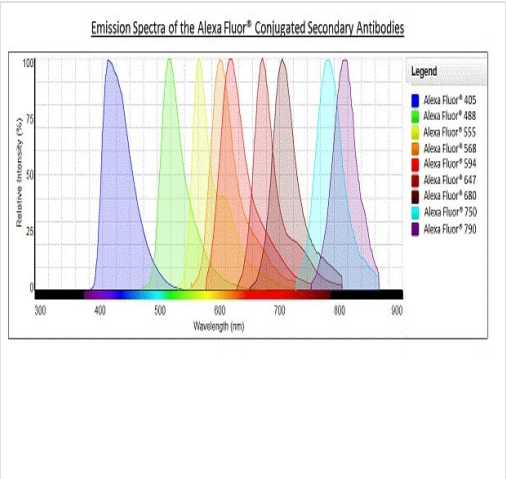


	Goat anti-Rabbit			
	Rabbit IgG	Rat IgG	Mouse IgG	Human IgG
Abcam	100%	<2%	<2%	5-7%
Vendor B	100%	2%	4%	<2%
Vendor C	100%	<2%	<2%	4-4.5%

ELISA - Goat Anti-Rabbit IgG H&L (Alexa Fluor® 405) (ab175652)

Cross-reactivity of Goat anti-Rabbit IgG H&L (**ab182016**) and Goat anti-Rabbit 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 (50 µl/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 (**ab182016**).



Alexa Fluor® - Goat Anti-Rabbit IgG H&L (Alexa Fluor® 405) (ab175652)

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

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