abcam

Product datasheet

Goat Anti-Rabbit IgG H&L (Biotin) ab207995

21 References 5 图像

概述

产品名称	**山羊抗兔**IgG H&L (Biotin)
宿主	Goat
靶标种属	Rabbit
特异性	The antibody used for conjugation reacts with rabbit immunoglobulins of all classes. Cross-reactions as determined by ELISA for the unconjugated antibody (**ab182016**): Mouse IgG, rat IgG, and chicken IgY, less than 2%. Human IgG, less than 7%.
经测试应用	**适用于:** ELISA, ICC/IF, IP, Flow Cyt, WB, IHC-Fr, IHC-P
免疫原	The details of the immunogen for this antibody are not available.
偶联物	Biotin

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. Store In the Dark.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 1% BSA, 30% Glycerol (glycerin, glycerine)
纯度	Affinity purified
纯化说明	Immunogen affinity purified - This antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to Biotin.
克隆	**多克隆**
同种型	IgG

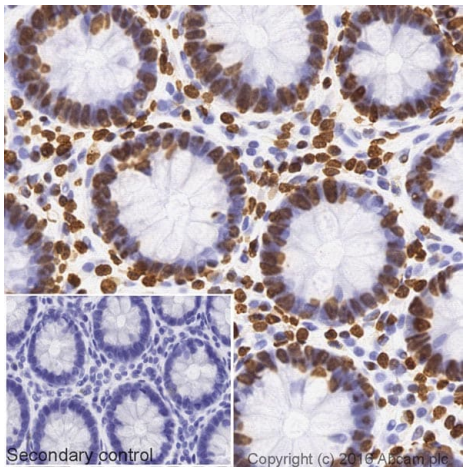
应用

The Abpromise guarantee **Abpromise™承诺保证使用**ab207995**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
ELISA		1/20000 - 1/200000.
ICC/IF		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
IHC-P		1/500 - 1/5000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Goat Anti-Rabbit IgG H&L (Biotin) (ab207995)

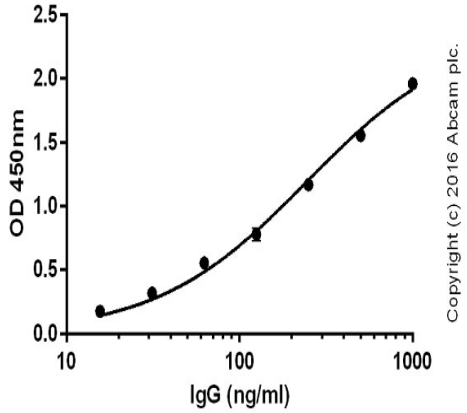
IHC image of Histone H4 staining in a section of formalin-fixed paraffin-embedded normal human colon tissue*. Ab207995 Goat Anti-Rabbit IgG H & L (Biotin) was used as the secondary antibody.

Staining was performed on a Leica Bond™. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins, before blocking of endogenous biotin using **ab64212**. The section was then incubated with **ab177840**, 1/100 dilution, for 15 mins at room temperature, followed by ab207995, 1/2000 dilution, for 15 mins at room temperature. Detection was via an HRP conjugated ABC system and DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

The inset negative control image is taken from an identical assay without primary antibody.

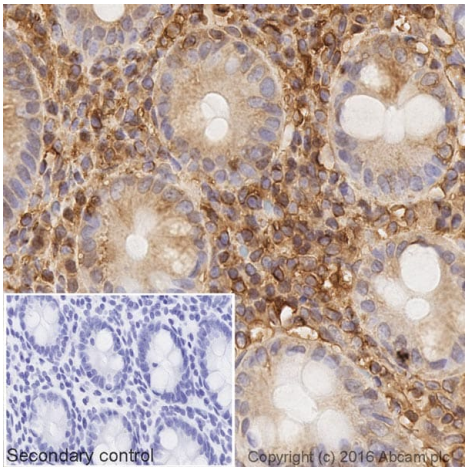
For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

**Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre*



ELISA - Goat Anti-Rabbit IgG H&L (Biotin) (ab207995)

ab207995 was tested by direct ELISA, where wells were coated with serially diluted rabbit IgG (1000 – 16 ng/ml) for 2 hours, followed by a 2 hour blocking step (5% BSA). ab207995 (1:20,000 dilution; 2 hours) was added and detected by streptavidin-HRP (**ab7403**; 1:10,000 dilution; 1 hour). Signal was developed by TMB substrate. Data from duplicates; +/- SD.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Goat Anti-Rabbit IgG H&L (Biotin) (ab207995)

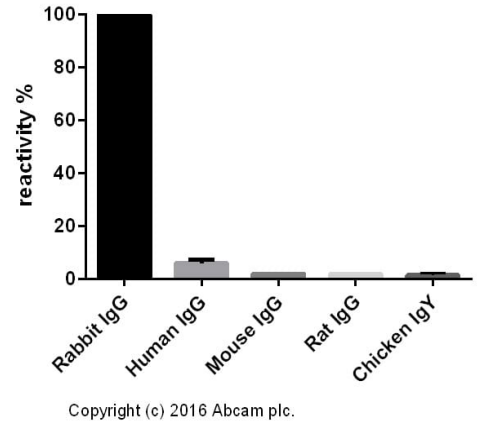
IHC image of beta Tubulin staining in a section of formalin-fixed paraffin-embedded normal human colon tissue*. Ab207995 Goat Anti-Rabbit IgG H & L (Biotin) was used as the secondary antibody.

Staining was performed on a Leica Bond™. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins, before blocking of endogenous biotin using **ab64212**. The section was then incubated with **ab6046**, 1/100 dilution, for 15 mins at room temperature, followed by ab207995, 1/1000 dilution, for 15 mins at room temperature. Detection was via an HRP conjugated ABC system and DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

The inset negative control image is taken from an identical assay without primary antibody.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

**Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre*

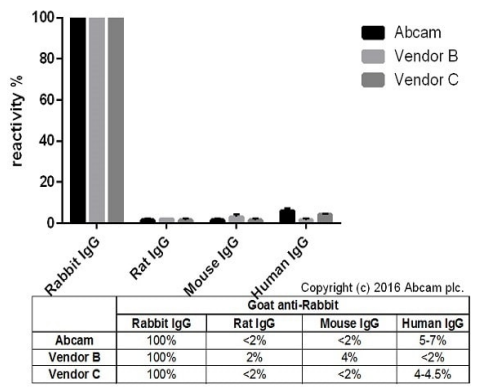


ELISA - Goat Anti-Rabbit IgG H&L (Biotin) (ab207995)

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 (Biotin) (ab207995)

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**).

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