

Product datasheet

Goat Anti-Chicken IgY H&L (Biotin) ab207998

2 Images

Overview

<b>Product name</b>	Goat Anti-Chicken IgY H&L (Biotin)
<b>Host species</b>	Goat
<b>Target species</b>	Chicken
<b>Specificity</b>	This antibody is specific to Chicken IgY
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, ICC/IF, WB, Flow Cyt, IP, IHC-Fr, IHC-P
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.
<b>Conjugation</b>	Biotin

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.4 Preservative: 0.02% Sodium azide Constituents: PBS, 1% BSA, 30% Glycerol
<b>Purity</b>	Affinity purified
<b>Purification notes</b>	Immunogen affinity purified - This antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to Biotin.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

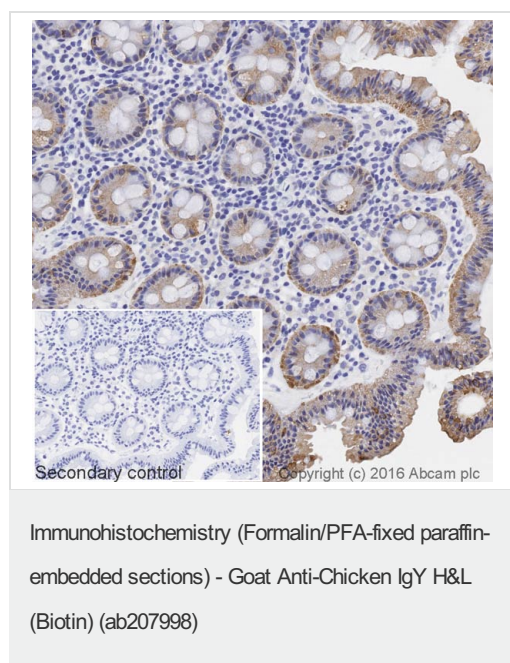
Our [Abpromise guarantee](#) covers the use of **ab207998** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		1/20000 - 1/200000.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
IHC-P		1/200 - 1/5000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Images



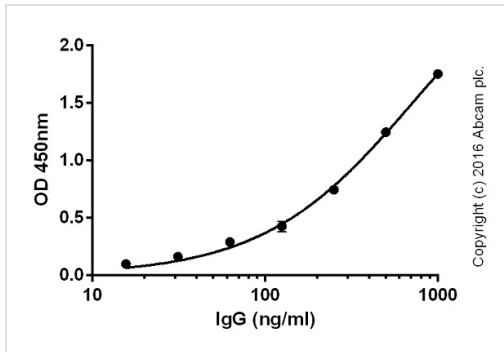
IHC image of Cytokeratin 8 staining in a section of formalin-fixed paraffin-embedded normal human colon tissue\*. Ab207998 Goat Anti-Chicken IgY H & L (Biotin) was used as the secondary antibody.

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 [ab107115](#), 1/100 dilution, for 15 mins at room temperature, followed by ab207998, 1/200 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*



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ab207998 was tested by direct ELISA, where wells were coated with serially diluted chicken IgY (1000 – 16 ng/ml) for 2 hours, followed by a 2 hour blocking step (5% BSA). ab207998 (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.

ELISA - Goat Anti-Chicken IgY H&L (Biotin)  
(ab207998)

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

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