

Product datasheet

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

[1 References](#) [2 Images](#)

Overview

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

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 1% BSA, 30% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Purification notes	Immunogen affinity purified - This antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to Biotin.
Clonality	Polyclonal
Isotype	IgG

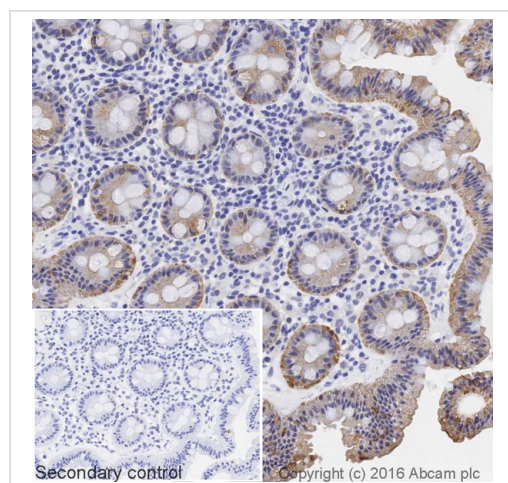
Applications

The Abpromise guarantee 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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Goat Anti-Chicken IgY H&L (Biotin) (ab207998)

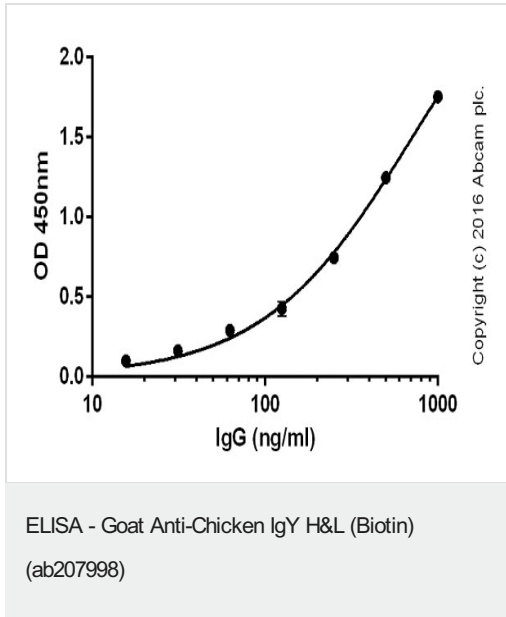
IHC image of Cytokeratin 8 staining in a section of formalin-fixed paraffin-embedded normal human colon tissue*. Ab207998 Goat Anti-Chicken IgY H & L (Biotin) was used as the secondary antibody.

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*



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.

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