

# Donkey Anti-Goat IgG H&L (Biotin) ab208000

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### Overview

Product name	Donkey Anti-Goat IgG H&L (Biotin)
Host species	Donkey
Target species	Goat
Tested applications	<b>Suitable for:</b> WB, Flow Cyt, ICC/IF, IHC-Fr, IP, ELISA, IHC-P
Immunogen	Full length protein corresponding to Goat IgG.
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	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

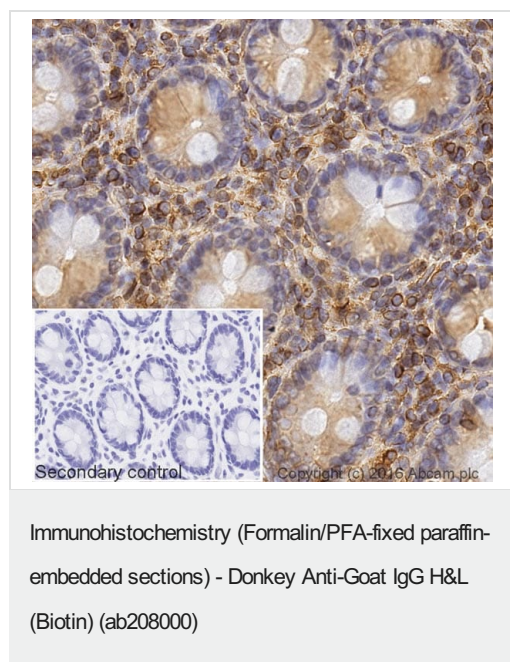
### Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab208000 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
WB		Use at an assay dependent concentration.

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Flow Cyt		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
ELISA		1/20000 - 1/200000.
IHC-P		1/500 - 1/5000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Images



IHC image of alpha Tubulin staining in a section of formalin-fixed paraffin-embedded normal human colon tissue\*. Ab208000 Donkey Anti-Goat IgG H & L (Biotin) was used as the secondary antibody.

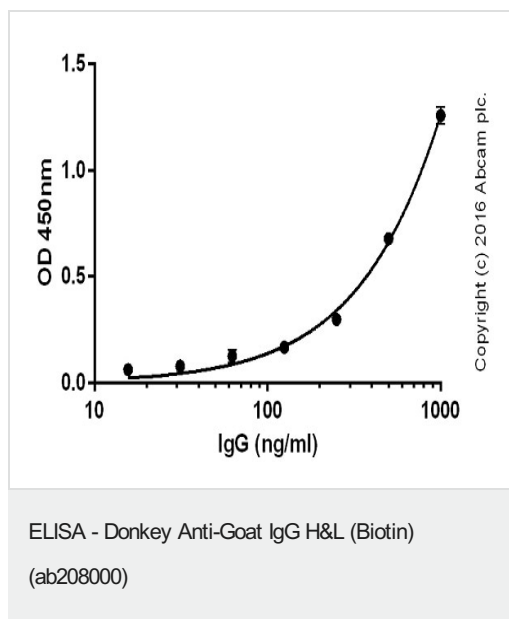
Staining was performed on a Leica Bond™. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins, before blocking of endogenous biotin using **ab64212**. The section was then incubated with **ab7291**, 1/100 dilution, for 15 mins at room temperature. Ab98800 (Goat anti-Mouse IgG) was added as a bridging antibody at 1/250 dilution for 1 hour, followed by ab208000, 1/500 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*



ab208000 was tested by direct ELISA, where wells were coated with serially diluted goat IgG (1000 – 16 ng/ml) for 2 hours, followed by a 2 hour blocking step (5% BSA). ab208000 (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.

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

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