

## Product datasheet

# Goat Anti-Chicken IgY H&L (HRP) ab6877

★★★★★ [1 Abreviews](#) [46 References](#) [4 Images](#)

### Overview

<b>Product name</b>	Goat Anti-Chicken IgY H&L (HRP)
<b>Host species</b>	Goat
<b>Target species</b>	Chicken
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, Dot blot, ELISA, IHC-P, IHC-Fr, Immunomicroscopy, WB
<b>Immunogen</b>	chicken IgY whole molecule
<b>Conjugation</b>	HRP

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.01% Gentamicin sulphate Constituents: 0.878% Sodium chloride, 0.424% Potassium phosphate, 1% BSA
<b>Purity</b>	Affinity purified
<b>Purification notes</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using chicken IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
<b>Conjugation notes</b>	Horseradish Peroxidase (HRP)
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

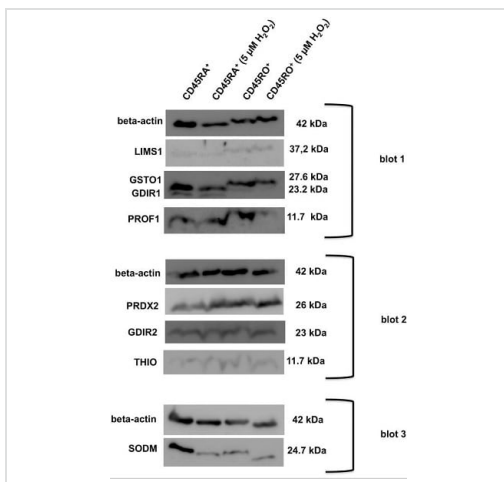
### Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab6877 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
ICC/IF		1/1000 - 1/10000.

Application	Abreviews	Notes
Dot blot		Use at an assay dependent dilution.
ELISA		1/50000.
IHC-P		Use at an assay dependent dilution.
IHC-Fr		Use at an assay dependent dilution.
Immunomicroscopy		Use at an assay dependent dilution.
WB	★★★★★ (1)	1/2000 - 1/20000. PubMed: 16543490

## Images



Western blot - Goat Anti-Chicken IgY H&L (HRP) (ab6877)

Lichtenfels et al PLoS One. 2012;7(7):e41345. doi: 10.1371/journal.pone.0041345. Epub 2012 Jul 20. Fig 4. Reproduced under the Creative Commons license <http://creativecommons.org/licenses/by/4.0/>

### Representative Western blot analysis for the selected panel of differentially expressed targets in the various T cell subsets.

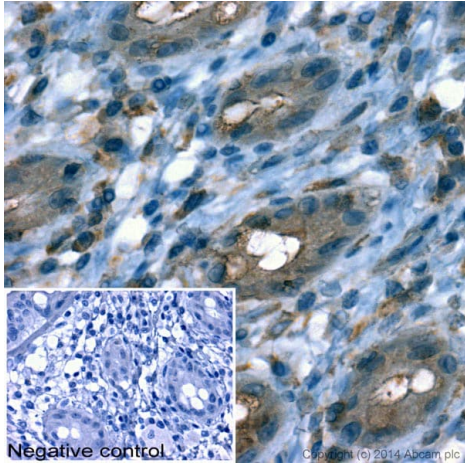
Western blot analyses were performed by serially probing sets of 3 membranes per donor. The expression levels of GDIR1, GSTO1, LIMS1 and PROF1 were analyzed blot 1 (upper panel), GDIR2, PRDX2 and THIO on blot 2 (middle panel) and SODM on blot 3 (lower level) of the respective membrane set.

The relative expression levels were defined by densitometric quantification normalized to the corresponding beta-actin signals, co-detected on each membrane.

Aliquots of 15  $\mu$ g total lysate per sample/lane were loaded onto Tris-Tricine gels (16%T/2.5%C) and subsequently separated.

Lysates generated from untreated CD45RA<sup>+</sup> and CD45RO<sup>+</sup> T cells were throughout the set of membranes loaded onto the lanes 1 and 3 respectively, whereas lysates generated from the corresponding T cell subsets exposure for 3 h to 5  $\mu$ M H<sub>2</sub>O<sub>2</sub> were loaded onto the lanes 2 and 4 as indicated.

The protein entry names of the targets (left) and their corresponding molecular weight (right) are listed.



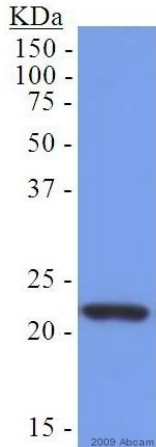
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Goat Anti-Chicken IgY H&L (HRP) (ab6877)

IHC image of beta Actin staining in human normal colon formalin fixed paraffin embedded tissue section\*.

The section was pre-treated using pressure cooker heat mediated antigen retrieval with sodium citrate buffer (pH 6) for 30 mins. The section was incubated with **ab13822**, 10 µg/ml overnight at +4°C. An HRP-conjugated secondary (ab6877, 1/500 dilution) was used for 1 hr at room temperature. The section was counterstained with hematoxylin and mounted with DPX.

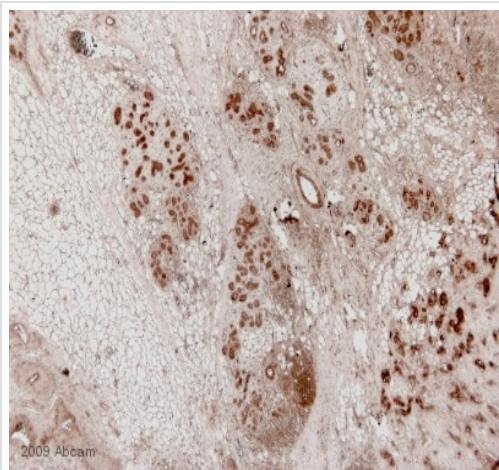
The inset **negative control** image is taken from an identical assay without primary antibody.

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



Western blot - Goat Anti-Chicken IgY H&L (HRP) (ab6877)

ab6877 was used at dilution 1/1000 with the primary antibody **ab25912** in WB. See the review on **ab25912**.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Goat Anti-Chicken IgY H&L (HRP) (ab6877)

ab6877 was used at dilution 1/200 with the primary antibody **ab17517** in IHC-P. See the review on **ab17517**.

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

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