Product datasheet

Goat Anti-Mouse IgG H&L (HRP) ab97023

Overview

Product name: Goat Anti-Mouse IgG H&L (HRP)
Host species: Goat
Target species: Mouse
Specificity: By immunoelectrophoresis and ELISA this antibody reacts specifically with Mouse IgG and with light chains common to other Mouse immunoglobulins. No antibody was detected against non immunoglobulin serum proteins.

Tested applications: Suitable for: ICC, IHC-P, ELISA, WB

Conjugation: HRP

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C.
Storage buffer: Preservative: 0.05% Proclin
Constituents: 0.2% BSA, PBS
Purity: Immunogen affinity purified
Purification notes: This antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to Horse Radish Peroxidase (HRP).
Conjugation notes: Molar enzyme/ antibody protein ratio is 4:1
Clonality: Polyclonal
Isotype: IgG
General notes: Part of the AbExcel range.

Applications

Our Abpromise guarantee covers the use of ab97023 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<td>ICC</td>
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<td>Use at an assay dependent dilution.</td>
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Western blot - Goat Anti-Mouse IgG H&L (HRP) (ab97023)
This image is courtesy of an anonymous Abreview.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Goat Anti-Mouse IgG H&L (HRP) (ab97023)

IHC-P
1/200 - 1/5000.

ELISA
1/10000 - 1/100000.

WB
1/2000 - 1/20000.

Images

IHC image of beta actin staining in human colon formalin fixed paraffin embedded tissue section*. The section was pre-treated using pressure cooker heat mediated antigen retrieval with sodium citrate buffer (pH6) for 30mins. The section was incubated with ab8224, 3µg/ml overnight at +4°C. An HRP-conjugated secondary (ab97023, 1/2000 dilution) was used for 1hr at room temperature. The section was counterstained with haematoxylin and mounted with DPX.

The inset negative control image is secondary-only at 1/500 dilution.

*Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre
All lanes: Anti-beta Actin antibody [mAbcam 8226] - Loading Control (ab8226) at 1 µg/ml

Lanes 1-6: HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate
Lysates/proteins at 10 µg per lane.

Secondary
Lanes 1 - 2: Goat polyclonal Secondary Antibody to Mouse IgG - H&L (HRP) (ab97023) at 1/2000 dilution
Lanes 3 - 4: Goat polyclonal Secondary Antibody to Mouse IgG - H&L (HRP) (ab97023) at 1/10000 dilution
Lanes 5 - 6: Goat polyclonal Secondary Antibody to Mouse IgG - H&L (HRP) (ab97023) at 1/20000 dilution

Developed using the ECL technique

Performed under reducing conditions.

Exposure time: 20 seconds

Please note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”

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