Product datasheet

Rabbit Anti-Mouse IgG H&L (HRP) ab97046

Overview

Product name: Rabbit Anti-Mouse IgG H&L (HRP)
Host species: Rabbit
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

Immunogen: Chemical/ Small Molecule corresponding to IgG, Purified mouse IgG

Conjugation: HRP

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C.
Storage buffer: pH: 6.8
Constituents: 0.2% BSA, PBS, 0.05% CMIT/MIT based preservative
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

The Abpromise guarantee: Our Abpromise guarantee covers the use of ab97046 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Rabbit Anti-Mouse IgG H&L (HRP) (ab97046)

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 (ab97046, 1/500 dilution) was used for 1hr at room temperature. The section was counterstained with haematoxylin 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

<table>
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<tr>
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<th>Abreviews</th>
<th>Notes</th>
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<tr>
<td>ICC</td>
<td></td>
<td>Use at an assay dependent dilution.</td>
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<tr>
<td>IHC-P</td>
<td></td>
<td>1/200 - 1/5000.</td>
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<tr>
<td>ELISA</td>
<td></td>
<td>1/10000 - 1/100000. (Primary)</td>
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<tr>
<td>WB</td>
<td><img src="3" alt="Rating" /> (3)</td>
<td>1/2000 - 1/20000. (Colorimetric). (Chemiluminescent 1/10000 - 1/50000).</td>
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Images

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Rabbit Anti-Mouse IgG H&L (HRP) (ab97046)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Rabbit Anti-Mouse IgG H&L (HRP) (ab97046)

Formalin-fixed, paraffin embedded human stomach tissue was stained for p53 using a mouse Anti-p53 antibody.

ab97046 was used as secondary antibody at 1/100 dilution, DAB staining.

Sample: Human Cell lysate - whole cell (human glioma cells), Loading amount: 20 µg, Specification: human glioma cells

Blocking step: Milk as blocking agent for 1 hour, Concentration: 5%, Temperature: 25°C

Other product details: 1st Ab Dilution 1/5000 anti-actin Ab, Incubation time: 16 hours, Temperature: 4°C

Secondary antibody: ab97046 used at 1:20,000

Bands: Specific: 45 kDa

Notes: primary Ab (anti-actin) was used as a loading control in 6 human glioma cell lines

This image is courtesy of an anonymous Abreview
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