Datasheet: MCA1396GA

**Description:** MOUSE ANTI HISTIDINE TAG

**Specificity:** HISTIDINE TAG

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** AD1.1.10

**Isotype:** IgG1

**Quantity:** 0.1 mg

### Product Details

**Applications**

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>Immunohistology - frozen</td>
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<td>Immunohistology - paraffin</td>
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<td>Immunohistology - resin</td>
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<td>ELISA</td>
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Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

**Clone Identity**

AD1.1.10

**Product Form**

Purified IgG - liquid

**Preparation**

Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

**Buffer Solution**

Phosphate buffered saline pH7.4

**Preservative Stabilisers**

0.09% Sodium Azide

**Approx. Protein Concentrations**

IgG concentration 1.0 mg/ml

**Immunogen**

PAX6 transcription factor linked to histidine tag

**Fusion Partners**

Spleen cells from immunised Balb/c mice were fused with cells of the mouse NS1 myeloma cell line.
Specificity

MCA1396GA recognises proteins containing the motif H-H-H-H-H-H and is therefore of value in detecting proteins containing histidine tags.

The antibody may be used to track the purification of proteins expressed in bacteria, yeast or insect cells. It reacts against all His tagged proteins so far tested.

In Western blotting of bacterial extracts clone ADI.I.10 has been shown not to cross-react with any endogenous products, although some cross-reactivity may be seen with extracts of insect or mammalian cells. Serotec recommend the use of MCA1396 for this application.

Recommended Reading


Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

Health And Safety Information

(A full Health and Safety assessment is available upon request) This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Related Products

Recommended Secondary Antibodies

F(ab')2 RABBIT ANTI MOUSE IgG:HRP (STAR13B)
HISTAR DETECTION SYSTEM (STAR3000A)

For research purposes only. Not for therapeutic or diagnostic use.

M32277:070621

AbD Serotec Offices contact details click here
www.ab-direct.com
MorphoSys UK Ltd, Endeavour House, Langford Business Park, Langford Lane, Kidlington, Oxford, OX5 1GF, UK
tech.uk@ab-direct.com
Tel: +44 (0)1865 852700
Printed on 07 Aug 2007