### Datasheet: MCA461GA

**BATCH NUMBER 1711**

<table>
<thead>
<tr>
<th><strong>Description:</strong></th>
<th>MOUSE ANTI HUMAN CD45RO</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Specificity:</strong></td>
<td>CD45RO</td>
</tr>
<tr>
<td><strong>Format:</strong></td>
<td>Purified</td>
</tr>
<tr>
<td><strong>Product Type:</strong></td>
<td>Monoclonal Antibody</td>
</tr>
<tr>
<td><strong>Clone:</strong></td>
<td>UCHL1</td>
</tr>
<tr>
<td><strong>Isotype:</strong></td>
<td>IgG2a</td>
</tr>
<tr>
<td><strong>Quantity:</strong></td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

### 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. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
<td>•</td>
<td></td>
<td></td>
<td>1/25 - 1/50</td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Immunohistology - Paraffin</td>
<td>•</td>
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<tr>
<td>ELISA</td>
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<tr>
<td>Immunoprecipitation</td>
<td>•</td>
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<tr>
<td>Western Blotting</td>
<td></td>
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</tbody>
</table>

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

**Target Species**

Human

**Species Cross Reactivity**

Reacts with: Chimpanzee, Marmoset, Pig

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

**Product Form**

Purified IgG - liquid

**Preparation**

Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant.
Buffer Solution: Phosphate buffered saline

Preservative Stabilisers: 0.09% Sodium Azide

Carrier Free: Yes

Approx. Protein Concentrations: IgG concentration 1 mg/ml

Immunogen: Human IL-2 dependent T cells

External Database Links:
- UniProt: P08575  Related reagents
- Entrez Gene: 5788  PTPRC  Related reagents

Synonyms: CD45

RRID: AB_324651

Fusion Partners: Spleen cells from immunised mice were fused with cells of the mouse P3/NS1/1-Ag4-1 myeloma cell line

Specificity: Mouse anti Human CD45RO monoclonal antibody, clone UCHL1 recognizes the low molecular weight isoform (180 kDa) of the leucocyte common antigen (LCA). The antigen is expressed by a functional subset of T cells with memory phenotype.

In peripheral blood Mouse anti Human CD45RO, clone UCHL1 stains 40-80% of lymphocytes and all monocytes and granulocytes.

Flow Cytometry: Use 10ul of the suggested working dilution to label 10^6 cells in 100ul.

Immunohistology: This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.

Histology Positive Control Tissue: Tonsil

References:


**Storage**

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

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.

**Guarantee**

12 months from date of despatch

**Health And Safety Information**


10040

**Regulatory**

For research purposes only
Related Products

**Recommended Secondary Antibodies**

- Rabbit Anti Mouse IgG (STAR12...) **RPE**
- Goat Anti Mouse IgG IgA IgM (STAR87...) **HRP**
- Goat Anti Mouse IgG (STAR76...) **RPE**
- Rabbit Anti Mouse IgG (STAR13...) **HRP**
- Goat Anti Mouse IgG (STAR70...) **FITC**
- Goat Anti Mouse IgG (H/L) (STAR117...) **Alk. Phos., DyLight®488, DyLight®550, DyLight®650, DyLight®680, DyLight®800, FITC, HRP**
- Rabbit Anti Mouse IgG (STAR9...) **FITC**
- Goat Anti Mouse IgG (STAR77...) **HRP**
- Goat Anti Mouse IgG (Fc) (STAR120...) **FITC, HRP**

**Recommended Negative Controls**

- MOUSE IgG2a NEGATIVE CONTROL (MCA929)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M367721:200529'

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