Datasheet: MCA88
BATCH NUMBER 160428

Product Details

Description: MOUSE ANTI HUMAN CD45RA
Specificity: CD45RA
Format: Purified
Product Type: Monoclonal Antibody
Clone: F8-11-13
Isotype: IgG1
Quantity: 0.2 mg

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.

<table>
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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>1/50 - 1/100</td>
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<td>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<td>1/200</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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Where this product 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 product for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: Rhesus Monkey

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 1.0 mg/ml

Immunogen: Human T lymphocytes

External Database Links:
- UniProt: P08575
- Related reagents

Entrez Gene:
- 5788: PTPRC
- Related reagents

Synonyms: CD45

RRID: AB_871980

Fusion Partners: Spleen cells from immunized BALB/c mouse were fused with cells of the NS-1 mouse myeloma cell line

Specificity: Mouse anti Human CD45RA antibody, clone F8-11-13 recognizes the human CD45RA cell surface antigen.

CD45 is a complex molecule existing in a number of isoforms. Antibodies recognizing a common epitope on all of these isoforms are termed CD45 whilst those recognizing only individual isoforms are termed CD45RA or CD45RO etc.

Mouse anti Human CD45RA antibody, clone F8-11-13 reacts with the high molecular weight form of the leucocyte common antigen (LCA) expressed by B lymphocytes and a subset of T lymphocytes.

Mouse anti Human CD45RA antibody, clone F8-11-13 is routinely tested in flow cytometry on human peripheral blood lymphocytes.

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: Human tonsil
References


Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

Health And Safety Information


Regulatory

For research purposes only

Related Products

**Recommended Secondary Antibodies**

- Goat Anti Mouse IgG (STAR77...) HRP
- Rabbit Anti Mouse IgG (STAR12...) RPE
- Goat Anti Mouse IgG (STAR70...) FITC
- Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP
- Goat Anti Mouse IgG (STAR76...) RPE
- Goat Anti Mouse IgG (Fc) (STAR120...) FITC, HRP
- Rabbit Anti Mouse IgG (STAR13...) HRP
- Rabbit Anti Mouse IgG (STAR9...) FITC
Goat Anti Mouse IgG (H/L) (STAR117...)

**Recommended Negative Controls**

MOUSE IgG1 NEGATIVE CONTROL (MCA928)

- **North & South America**
  - Tel: +1 800 265 7376
  - Fax: +1 919 878 3751
  - Email: antibody_sales_us@bio-rad.com

- **Worldwide**
  - Tel: +44 (0)1865 852 700
  - Fax: +44 (0)1865 852 739
  - Email: antibody_sales_uk@bio-rad.com

- **Europe**
  - Tel: +49 (0) 89 8090 95 21
  - Fax: +49 (0) 89 8090 95 50
  - Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets) 'M381519:210512'

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