Datasheet: MCA799GA

**Description:** MOUSE ANTI RABBIT CD4

**Specificity:** CD4

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** KEN-4

**Isotype:** IgG2a

**Quantity:** 0.1 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](http://www.bio-rad-antibodies.com/protocols).

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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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<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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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**

Rabbit

**Species Cross Reactivity**

Reacts with: Brown Hare (Lepus europaeus)

N.B. Antibody reactivity and working conditions may vary between species.

**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 (NaN₃)

**Carrier Free**

Yes

**Approx. Protein Concentrations**

IgG concentration 1.0 mg/ml
Immunogen

Rabbit thymocytes.

External Database Links

- UniProt: P46630
- Related reagents

- Entrez Gene: 100009152 CD4
- Related reagents

Fusion Partners

Spleen cells from immunised mice were fused with cells of the mouse PAI myeloma cell line.

Specificity

Mouse anti Rabbit CD4 antibody, clone KEN-4 recognizes the rabbit CD4 cell surface antigen, a 50 kDa glycoprotein expressed by T helper cells.

Mouse anti Rabbit CD4 antibody, clone KEN-4 blocks the allogeneic mixed lymphocyte reaction response.

Flow Cytometry

Use 10ul of the suggested working dilution to label 10^6 cells or 100ul whole blood.

References


**Storage**

Store at +4°C or -20°C if preferred.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**Guarantee**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

- Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos., HRP](http://www.bio-rad-antibodies.com)
- Goat Anti Mouse IgG (STAR77...) [HRP](http://www.bio-rad-antibodies.com)
- Rabbit Anti Mouse IgG (STAR12...) [RPE](http://www.bio-rad-antibodies.com)
- Rabbit Anti Mouse IgG (STAR8...) [DyLight@800](http://www.bio-rad-antibodies.com)
- Rabbit Anti Mouse IgG (STAR13...) [HRP](http://www.bio-rad-antibodies.com)
- Goat Anti Mouse IgG (STAR76...) [RPE](http://www.bio-rad-antibodies.com)
- Goat Anti Mouse IgG (STAR70...) [FITC](http://www.bio-rad-antibodies.com)
- Goat Anti Mouse IgG (Fc) (STAR120...) [FITC, HRP](http://www.bio-rad-antibodies.com)
- Rabbit Anti Mouse IgG (STAR9...) [FITC](http://www.bio-rad-antibodies.com)
- Human Anti Mouse IgG2a (HCA037...) [FITC, HRP](http://www.bio-rad-antibodies.com)
- Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos., DyLight@488, DyLight@680, DyLight@800, FITC, HRP](http://www.bio-rad-antibodies.com)