Datasheet: MCA1495

Description: RAT ANTI MOUSE INTERLEUKIN-5

Specificity: IL-5

Format: Purified

Product Type: Monoclonal Antibody

Clone: TRFK5

Isotype: IgG1

Quantity: 0.5 mg

RRID: AB_2264942

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.

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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
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<tr>
<td>Flow Cytometry (1)</td>
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<td>Immunohistochemistry - Frozen</td>
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<td>Immunohistochemistry - Paraffin</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</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.

(1) Membrane permeabilisation is required for this application. Bio-Rad recommends the use of Leucoperm™ (Product Code BUF09) for this purpose.

Target Species: Mouse

Species Cross Reactivity: Reacts with: Human, Pig, Guinea Pig

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 ascites

Buffer Solution: Phosphate buffered saline

Preservative Stabilisers: 0.09% Sodium Azide

Approx. Protein Concentrations: IgG concentration 0.5 mg/ml
**Immunogen**
Purified natural murine IL-5

**External Database Links**
- UniProt: P04401
- Related reagents

- Entrez Gene: 16191
- Related reagents

**Synonyms**
Il-5

**Specificity**
Rat anti mouse IL-5, clone TRFK5 recognizes mouse interleukin-5. IL-5 is a regulatory cytokine that induces terminal differentiation of late-developing B-cells to immunoglobulin secreting cells.

Rat anti mouse IL-5, clone TRFK5 may be used to neutralize IL-5 bioactivity in a functional assay (Schumacher et al. 1988) and Abrams et al. 1992.

**References**

**Storage**
Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. 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.

**Shelf Life**
18 months from date of despatch.

**Health And Safety Information**

**Regulatory**
For research purposes only

**Recommended Products**

### Recommended Secondary Antibodies
- Rabbit Anti Rat IgG (STAR17...)  **FITC**
- Goat Anti Rat IgG (STAR69...)  **FITC**
- Goat Anti Rat IgG (STAR131...)  **Alk. Phos., Biotin**
- Goat Anti Rat IgG (STAR73...)  **RPE**