

## Datasheet: MCA419P

|                      |                                    |
|----------------------|------------------------------------|
| <b>Description:</b>  | RAT ANTI MOUSE IgE HEAVY CHAIN:HRP |
| <b>Specificity:</b>  | IgE HEAVY CHAIN                    |
| <b>Format:</b>       | HRP                                |
| <b>Product Type:</b> | Monoclonal Antibody                |
| <b>Clone:</b>        | LO-ME-3                            |
| <b>Isotype:</b>      | IgG1                               |
| <b>Quantity:</b>     | 0.5 mg                             |

## Product Details

**RRID** AB\_321898

**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).

|                            | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Immunohistology - Frozen   |     |    | ■              |                    |
| Immunohistology - Paraffin |     |    | ■              |                    |
| ELISA                      | ■   |    |                | 500ng/ml           |
| Western Blotting           |     | ■  |                |                    |

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** Mouse

**Species Cross Reactivity** Does not react with:Rat

**Product Form** Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

**Preparation** Purified IgG prepared by affinity chromatography from tissue culture supernatant

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** 0.01% Thiomersal  
50% Glycerol

**Approx. Protein Concentrations** IgG concentration 1.0 mg/ml

**Immunogen** Purified IgE from BALB/c mice.

**External Database  
Links**

**UniProt:**

[P06336](#)   [Related reagents](#)

**Entrez Gene:**

[380792](#)   Gm900   [Related reagents](#)

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**Fusion Partners**

Spleen cells from immunised LOU/c rats were fused with cells of the rat IR983F myeloma cell line.

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**Specificity**

**Rat anti Mouse IgE Heavy Chain antibody, clone LO-ME-3** recognizes the murine epsilon immunoglobulin heavy chain, and does not cross react with other murine immunoglobulin classes or subclasses. The avidity of Rat anti Mouse IgE Heavy Chain antibody, clone LO-ME-3 is =  $3 \times 10^9 \text{M}^{-1}$

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**References**

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#### 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.

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#### Guarantee

18 months from date of despatch.

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#### Health And Safety Information

Material Safety Datasheet documentation #10097 available at: 10097: <https://www.bio-rad-antibodies.com/uploads/MSDS/10097.pdf>

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#### Regulatory

For research purposes only

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## Related Products

### Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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