

## Datasheet: MCA2793Z

|                      |  |
|----------------------|--|
| <b>Description:</b>  | MOUSE ANTI MOUSE INTERLEUKIN-1 ALPHA:Preservative Free |
| <b>Specificity:</b>  | IL-1 ALPHA   |
| <b>Format:</b>       | Preservative Free                                      |
| <b>Product Type:</b> | Monoclonal Antibody                                    |
| <b>Clone:</b>        | Flo1   |
| <b>Isotype:</b>      | IgG1   |
| <b>Quantity:</b>     | 0.1 mg   |

## 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).

|                            | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry             |     |    | ▪              |                    |
| Immunohistology - Frozen   |     |    | ▪              |                    |
| Immunohistology - Paraffin |     |    | ▪              |                    |
| ELISA                      | ▪   |    |                |                    |
| Immunoprecipitation        |     |    | ▪              |                    |
| Western Blotting           |     |    | ▪              |                    |
| Functional Assays          | ▪   |    |                | 50ug/ml            |

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.

|                                       |  |
|---------------------------------------|--|
| <b>Target Species</b>                 | Mouse  |
| <b>Product Form</b>                   | Purified IgG - liquid                            |
| <b>Preparation</b>                    | Purified IgG prepared by affinity chromatography |
| <b>Buffer Solution</b>                | Phosphate buffered saline                        |
| <b>Preservative Stabilisers</b>       | None present                                     |
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0mg/ml                       |

|                                      |  |
|--------------------------------------|--|
| <b>Immunogen</b>                     | Recombinant mouse IL-1 alpha   |
| <b>External Database Links</b>       | <b>UniProt:</b><br><a href="#">P01582</a> <a href="#">Related reagents</a><br><br><b>Entrez Gene:</b><br><a href="#">16175</a> Il1a <a href="#">Related reagents</a>   |
| <b>RRID</b>                          | AB_2233614   |
| <b>Specificity</b>                   | <p><b>Mouse anti Mouse Interleukin-1 alpha antibody, clone Flo1</b> recognizes mouse interleukin-1 alpha (IL-1 alpha), a pleiotropic pro-inflammatory cytokine and member of the IL-1 superfamily, secreted by activated macrophages and monocytes, which mediates a wide range of immune and inflammatory responses.</p> <p>IL-1 alpha and closely related IL-1 beta, are both involved in haematopoiesis and exhibit many identical immunomodulatory properties, binding to the same type I interleukin-1 receptor, also known as CD121a.</p> <p>Mouse anti Mouse Interleukin-1 alpha antibody, clone Flo1 can be used in functional studies to neutralize the activity of 125pg/ml of recombinant mouse IL-1 alpha by 95%, as tested using mouse D10(N4)M T-helper cells.</p> |
| <b>Storage</b>                       | <p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>  |
| <b>Guarantee</b>                     | 12 months from date of despatch  |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10162 available at:<br>10162: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf</a>   |
| <b>Regulatory</b>                    | For research purposes only   |

## Related Products

### Recommended Secondary Antibodies

|   |  |
|---|--|
| Goat Anti Mouse IgG IgA IgM (STAR87...) | <a href="#">Alk. Phos.</a> , <a href="#">HRP</a> |
| Goat Anti Mouse IgG (STAR77...)         | <a href="#">HRP</a>                              |
| Rabbit Anti Mouse IgG (STAR12...)       | <a href="#">RPE</a>                              |
| Rabbit Anti Mouse IgG (STAR8...)        | <a href="#">DyLight®800</a>                      |
| Rabbit Anti Mouse IgG (STAR13...)       | <a href="#">HRP</a>                              |
| Goat Anti Mouse IgG (STAR76...)         | <a href="#">RPE</a>                              |
| Goat Anti Mouse IgG (STAR70...)         | <a href="#">FITC</a>                             |

Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)  
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®680](#),  
[DyLight®800](#), [FITC](#), [HRP](#)

|                                  |   |                  |   |               |   |
|----------------------------------|---|------------------|---|---------------|---|
| <b>North &amp; South America</b> | Tel: +1 800 265 7376<br>Fax: +1 919 878 3751<br>Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a> | <b>Worldwide</b> | Tel: +44 (0)1865 852 700<br>Fax: +44 (0)1865 852 739<br>Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a> | <b>Europe</b> | Tel: +49 (0) 89 8090 95 21<br>Fax: +49 (0) 89 8090 95 50<br>Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a> |
|----------------------------------|---|------------------|---|---------------|---|

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

'M367466:200529'

**Printed on 11 Jul 2021**

---

© 2021 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)