

Datasheet: MCA6059PE

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| Description: | MOUSE ANTI HUMAN CD85g:RPE |
| Specificity: | CD85g |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | 17G10.2 |
| Isotype: | IgG1 |
| Quantity: | 100 TESTS/0.5ml |

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.

| | Yes | No | Not Determined | Suggested Dilution |
|----------------|-----|----|----------------|--------------------|
| Flow Cytometry | ▪ | | | Neat |

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.

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| Target Species | Human |
| Product Form | Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid |
| Preparation | Purified IgG prepared by affinity chromatography |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) 0.2% Bovine Serum Albumin |
| Approx. Protein Concentrations | IgG concentration 0.1 mg/ml |
| Immunogen | CD85g-Fc epsilon receptor 1 transfected 2B4 cells |

External Database Links

UniProt:

[P59901](https://www.uniprot.org/entry/P59901)

[Related reagents](#)

Entrez Gene:[23547](#) LILRA4 [Related reagents](#)

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| Synonyms | ILT7 |
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| Specificity | Mouse anti Human CD85g recognizes CD85g also known as immunoglobulin-like transcript 7 (ILT7). CD85g is a member of the leukocyte immunoglobulin-like receptor gene family. CD85g is expressed on plasmacytoid dendritic cells but is not expressed on other dendritic cells or peripheral leukocytes. CD85g, in complex with Fc receptor epsilon R1, recognizes its ligand BST2. BST2 is expressed on various inflammed or cancerous cells. Activation of CD85g induces Src kinase signaling via an ITAM motifs present on CD85g. |
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| Flow Cytometry | Use 5µl of the suggested working dilution to label 1x10 ⁶ cells in 100µl |
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| Storage | Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. |
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| Guarantee | 12 months from date of despatch |
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| Health And Safety Information | Material Safety Datasheet documentation #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf |
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|-------------------|----------------------------|
| Regulatory | For research purposes only |
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Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Goat Anti Mouse IgG (STAR77...) [HRP](#)
Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
Rabbit Anti Mouse IgG (STAR8...) [DyLight®800](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (STAR76...) [RPE](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
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](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50

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

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