

Datasheet: MCA1258SBY575 BATCH NUMBER 100007250

| Description: | RAT ANTI MOUSE CD45R:StarBright Yellow 575 | | |
|---------------|--|--|--|
| Specificity: | CD45R | | |
| Other names: | B220, LY-5 | | |
| Format: | StarBright Yellow 575 | | |
| Product Type: | Monoclonal Antibody | | |
| Clone: | RA3-6B2 | | |
| Isotype: | lgG2a | | |
| 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 <u>www.bio-rad-antibodies.com/protocols</u> . | | | | |
|--|--|--------------------|--------------------------|----------------------|--|
| | Yes No Not Determined Sugges | | | | |
| | Flow Cytometry | - | | Neat | |
| Where this product has not been tested for use in a particular tec | | | | nnique 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. | | | | |
| Target Species | Mouse | | | | |
| Species Cross | Reacts with: Human, Cat | | | | |
| Reactivity | N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. | | | | |
| Product Form | Purified IgG conjugated to StarBright Yellow 575 - liquid | | | | |
| Max Ex/Em | Fluorophore | Excitation Max (n | m) Emission Max (nm) | | |
| | StarBright Yellow 575 | 548 | 579 | | |
| Preparation | Purified IgG prepared supernatant | by affinity chroma | ography on Protein G fro | m tissue culture | |

| Buffer Solution | Phosphate buffered saline | |
|-----------------------------|--|--|
| Preservative Stabilisers | 0.09% sodium azide (NaN ₃) 1% bovine serum albumin 0.1% Pluronic F68 0.1% PEG 3350 0.05% Tween 20 | |
| Immunogen | Murine leukemia-induced pre-B tumor cells (RAW112) | |
| External Database Links | UniProt:P06800Related reagentsEntrez Gene:19264PtprcRelated reagents | |
| Synonyms | Ly-5 | |
| Fusion Partners | Spleen cells from immunized Lewis rats were fused with cells myeloma cell line | of the rat S194/5 XX0.BU-1 |
| Specificity | Rat anti Mouse CD45R antibody, clone RA3-6B2 recognize the CD45 antigen expressed by B cells and lytically active sub non-MHC restricted CTL's. Rat anti Mouse CD45R antibody, c immunoprecipitates the high molecular weight form of CD45 (2 Rat anti Mouse CD45R antibody, clone RA3-6B2 is suitable for embedded tissues (Whiteland <i>et al.</i> 1995). | osets of NK cells and clone RA3-6B2 220 kDa). |
| Flow Cytometry | Use 5µl of the suggested working dilution to label 10 ⁶ cells in suggest a 5 minutes centrifugation at 6,000g prior to sample a | • • |
| References | Holmes, K.L. <i>et al.</i> (1986) Analysis of neoplasms induced b extracts. <u>J Immunol. 137 (2): 679-88.</u> Spangrude, G.J. <i>et al.</i> (1988) Purification and characterizati stem cells. <u>Science. 241: 58-62.</u> Spangrude, G.J. <i>et al.</i> (1988) Two rare populations of mous cells repopulate the thymus. <u>J Exp Med. 167 (5): 1671-83.</u> Whiteland, J.L. <i>et al.</i> (1995) Immunohistochemical detection leukocytes in paraffin-embedded rat and mouse tissues with n <u>Histochem Cytochem. 43 (3): 313-20.</u> Hawke, S. <i>et al.</i> (1998) Long-term persistence of activated a fter viral infection of the central nervous system. <u>J Exp Med.</u> Rosmalen, J.G. <i>et al.</i> (2000) Subsets of macrophages and diabetic mouse pancreatic inflammatory infiltrates: correlation diabetes. <u>Lab Invest. 80 (1): 23-30.</u> Stevenson, P.G. <i>et al.</i> (2002) Uncoupling of virus-induced in | ion of mouse hematopoietic se Thy-1lo bone marrow n of T-cell subsets and other nonoclonal antibodies. J cytotoxic T lymphocytes <u>187: 1575-82.</u> dendritic cells in nonobese with the development of |

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| Storage | Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. | | |
| Guarantee | 12 months from date of despatch | | |
| Acknowledgements | This product is covered by U.S. Patent No. 10,150,841 and rel counterparts | ated U.S. and foreign | |
| Health And Safety Information | Material Safety Datasheet documentation #20471 available at: https://www.bio-rad-antibodies.com/SDS/MCA1258SBY575 20471 | | |
| Regulatory | For research purposes only | | |
| | | | |

Related Products

Recommended Useful Reagents

MOUSE SEROBLOCK FcR (BUF041A) MOUSE SEROBLOCK FcR (BUF041B)

| North & South | Tel: +1 800 265 7376 | Worldwide | Tel: +44 (0)1865 852 700 | Europe | Tel: +49 (0) 89 8090 95 21 |
|---------------|---------------------------------|-----------|--------------------------------|--------|--------------------------------------|
| America | Fax: +1 919 878 3751 | | Fax: +44 (0)1865 852 739 | | Fax: +49 (0) 89 8090 95 50 |
| | Email: antibody_sales_us@bio-ra | ad.com | Email: antibody_sales_uk@bio-r | ad.com | Email: antibody_sales_de@bio-rad.com |

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets 'M413700:221125'

Printed on 04 Apr 2024

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