

Datasheet: MCA1258SBR815

| Description:  | RAT ANTI MOUSE CD45R:StarBright Red 815 |  |  |
|---------------|---|--|--|
| Specificity:  | CD45R                                   |  |  |
| Other names:  | B220, LY-5                              |  |  |
| Format:       | StarBright Red 815                      |  |  |
| Product Type: | Monoclonal Antibody                     |  |  |
| Clone:        | RA3-6B2                                 |  |  |
| Isotype:      | IgG2a                                   |  |  |
| 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 <a href="www.bio-rad-antibodies.com/protocols">www.bio-rad-antibodies.com/protocols</a>.

|                | 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.

| Target Species | Mouse  |                          |                    |                     |  |  |
|----------------|--|--------------------------|--------------------|---------------------|--|--|
| Species Cross  | Reacts with: Human   | , Cat                    |                    |                     |  |  |
| Reactivity     | <b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications of personal communications from the originators. Please refer to references indicated for further information. |                          |                    |                     |  |  |
| Product Form   | Purified IgG conjuga   | ated to StarBright Red 8 | 315 - liquid       |                     |  |  |
| Max Ex/Em      | Fluorophore  | Excitation Max (nm)      | Emission Max (nn   | n)                  |  |  |
|                | StarBright Red 815   | 654                      | 811                |                     |  |  |
| Preparation    | Purified IgG prepare supernatant   | ed by affinity chromatog | raphy on Protein G | from tissue culture |  |  |
|                |  |                          |                    |                     |  |  |

Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)1% Bovine Serum Albumin

0.1% Pluronic F680.1% PEG 33500.05% Tween 20

**Immunogen** 

Murine leukemia-induced pre-B tumor cells (RAW112)

External Database Links

**UniProt:** 

P06800 Related reagents

**Entrez Gene:** 

19264 Ptprc Related reagents

Synonyms

Ly-5

**Fusion Partners** 

Spleen cells from immunized Lewis rats were fused with cells of the rat S194/5 XX0.BU-1 myeloma cell line

**Specificity** 

Rat anti Mouse CD45R antibody, clone RA3-6B2 recognizes murine CD45R, a form of the CD45 antigen expressed by B cells and lytically active subsets of NK cells and non-MHC restricted CTL's. Rat anti Mouse CD45R antibody, clone RA3-6B2 immunoprecipitates the high molecular weight form of CD45 (220 kDa).

Rat anti Mouse CD45R antibody, clone RA3-6B2 is suitable for plp fixed paraffin embedded tissues (Whiteland *et al.*1995).

Flow Cytometry

Use  $5\mu$ I of the suggested working dilution to label  $10^6$  cells in  $100\mu$ I. Best practices suggest a 5 minutes centrifugation at 6,000g prior to sample application.

#### References

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#### PeerJ. 4: e1600.

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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 related U.S. and foreign counterparts  |
| Health And Safety<br>Information | Material Safety Datasheet documentation #20471 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA1258SBR815">https://www.bio-rad-antibodies.com/SDS/MCA1258SBR815</a> 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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets 'M429002:240308'

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