

Datasheet: MCA1258P750

BATCH NUMBER 154297

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|----------------------|---|
| Description: | RAT ANTI MOUSE CD45R:RPE-Alexa Fluor® 750 |
| Specificity: | CD45R |
| Other names: | B220, LY-5 |
| Format: | RPE-ALEXA FLUOR® 750 |
| Product Type: | Monoclonal Antibody |
| Clone: | RA3-6B2 |
| Isotype: | IgG2a |
| Quantity: | 100 TESTS/1ml |

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 - 1/10 |

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

Reacts with: Human, Cat

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 R. Phycoerythrin (RPE) - Alexa Fluor® 750 - lyophilized

Reconstitution

Reconstitute with 1.0 ml distilled water

| Max Ex/Em | Fluorophore | Excitation Max (nm) | Emission Max (nm) |
|-----------|------------------------------------|---------------------|-------------------|
| | RPE-Alexa Fluor®750 488nm laser | 496 | 779 |

RPE-Alexa Fluor®750
561nm laser

546

779

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| Preparation | Purified IgG prepared by affinity chromatography on Protein G. |
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| Buffer Solution | Phosphate buffered saline |
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| Preservative Stabilisers | 0.09% Sodium Azide 1% Bovine Serum Albumin 5% Sucrose |
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| Immunogen | Murine leukemia-induced pre-B tumor cells (RAW112) |
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| External Database Links | UniProt: P06800 Related reagents Entrez Gene: 19264 Ptprc Related reagents |
|------------------------------------|---|

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|-----------------|------|
| Synonyms | Ly-5 |
|-----------------|------|

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|-------------|-----------|
| RRID | AB_808440 |
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| Fusion Partners | Spleen cells from immunized Lewis rats were fused with cells of the rat S194/5 XX0.BU-1 myeloma cell line |
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| Specificity | <p>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).</p> <p>Rat anti Mouse CD45R antibody, clone RA3-6B2 is suitable for plp fixed paraffin embedded tissues (Whiteland et al.1995).</p> |
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| Flow Cytometry | <p>Use 10ul of the suggested working dilution to label 10⁶ cells in 100ul.</p> <p>The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors. This may be reduced by using SeroBlock FcR (BUF041A/B/C).</p> |
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|-------------------|---|
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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.

Guarantee 12 months from date of despatch

Acknowledgements The Alexa Fluor® dye antibody conjugates in this product are sold under license from Molecular Probes, Inc. for research use only, except for use in combination with microarrays, and are covered by pending and issued patents.

Health And Safety Information Material Safety Datasheet documentation #20487 available at: <https://www.bio-rad-antibodies.com/SDS/MCA1258P750>
20487

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

[MOUSE SEROBLOCK FcR \(BUF041A\)](#)

[MOUSE SEROBLOCK FcR \(BUF041B\)](#)

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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](https://www.bio-rad-antibodies.com/datasheets)

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