

# Biotin Anti-Mouse CD45R/B220 Antibody [RA3.3A 1/6.1]

AGEL0422

## Description

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This Biotin Anti-Mouse CD45R/B220 Antibody [RA3.3A 1/6.1] is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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|----------------------|---|
| <b>SKU:</b>          | AGEL0422                                      |
| <b>Contents:</b>     | 100µg, 25µg<br>Bradford Reagent: 1 vial (2ml) |
| <b>Category:</b>     | Monoclonal Antibody                           |
| <b>Clonality:</b>    | Monoclonal                                    |
| <b>Clone:</b>        | RA3.3A 1/6.1                                  |
| <b>Synonyms:</b>     | B220  |
| <b>Applications:</b> | <b>FCM</b>                                    |
| <b>Reactivity:</b>   | Mouse   |
| <b>Immunogen:</b>    | -   |

## Antibody Data

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|-------------------------|--|
| <b>Uniprot ID:</b>      | -  |
| <b>Gene ID:</b>         | 19264, 5788                                |
| <b>Swissprot:</b>       | -  |
| <b>Host Species:</b>    | Rat  |
| <b>Isotype:</b>         | Rat IgM, κ                                 |
| <b>Isotype Control:</b> | Biotin Rat IgM, κ Isotype Control[RTK2118] |

|                                 |   |
|---------------------------------|---|
| <b>Conjugation:</b>             | Biotin  |
| <b>Conjugation Information:</b> | -   |
| <b>Buffer:</b>                  | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. |
| <b>Purification:</b>            | -   |
| <b>Target:</b>                  | CD45R/B220  |
| <b>Cellular Localization:</b>   | Membrane  |
| <b>Tissue Specificity:</b>      | -   |
| <b>Verified Samples:</b>        | -   |
| <b>Concentration:</b>           | 0.5 mg/mL   |

## Preparation & Storage

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|                              |   |
|------------------------------|---|
| <b>Storage:</b>              | This product can be stored at 2-8°C for 12 months. Do not freeze. |
| <b>Shipping:</b>             | Ice bag   |
| <b>Recommended Dilution:</b> | -   |

**Recommended Usage:**

| Application | Recommended Usage  |
|-------------|--|
| FCM         | Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 1.0 µg per 10 <sup>6</sup> cells in 100 µL volume or 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. |

**Protein Quantification (Optional):**

To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.