

PE/Cyanine7 Anti-Mouse CD22 Antibody [Cy34.1]

AGEL0724

Description

This PE/Cyanine7 Anti-Mouse CD22 Antibody [Cy34.1] 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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| SKU: | AGEL0724 |
| Contents: | 100 Tests, 200 Tests, 50 Tests Bradford Reagent: 1 vial (2ml) |
| Category: | Monoclonal Antibody |
| Clonality: | Monoclonal |
| Clone: | Cy34.1 |
| Synonyms: | Siglec2, B-cell receptor CD22, B-lymphocyte cell adhesion molecule, BL-CAM, CD22, Cd22, Lyb-8, Sialic acid-binding Ig-like lectin 2, Siglec-2, T-cell surface antigen Leu-14 |
| Applications: | FCM |
| Reactivity: | Mouse |
| Immunogen: | - |

Antibody Data

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| Uniprot ID: | P35329 |
| Gene ID: | 12483 |
| Swissprot: | P35329 |
| Host Species: | Mouse |
| Isotype: | Mouse IgG1, κ |

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| Isotype Control: | PE/Cyanine7 Mouse IgG1, κ Isotype Control[MOPC-21] |
| Conjugation: | PE/Cyanine 7 |
| Conjugation Information: | PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm (e.g., a 780/60 nm bandpass filter). |
| Buffer: | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. |
| Purification: | - |
| Target: | CD22 |
| Cellular Localization: | Membrane |
| Tissue Specificity: | - |
| Verified Samples: | - |
| Concentration: | 5 µL/Test |

Preparation & Storage

Storage: This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.

Shipping: Ice bag

Recommended Dilution: -

Recommended Usage:

| Application | Recommended Usage |
|-------------|---|
| FCM | Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use |

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.

