Human CD90/Thy1 APC-conjugated Antibody
Monoclonal Mouse IgG2A Clone # Thy-1A1
Catalog Number: FAB2067A
100 Tests, 25 Tests

DESCRIPTION
Species Reactivity: Human
Specificity: Detects human CD90/Thy1.
Source: Monoclonal Mouse IgG2A Clone # Thy-1A1
Purification: Protein A or G purified from hybridoma culture supernatant
Immunogen: Human CD90/Thy1
Accession #: P04216
Conjugate: Allophycocyanin
Excitation Wavelength: 620-650 nm
Emission Wavelength: 660-670 nm
Formulation: Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

Recommended Concentration

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<th>Sample</th>
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<td>Flow Cytometry</td>
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<td>10 µL/10⁶ cells</td>
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DATA

Flow Cytometry

Detection of CD90/Thy1 in Jurkat Human Cell Line by Flow Cytometry. Jurkat human acute T cell leukemia cell line was stained with Mouse Anti-Human CD90/Thy1 APC-conjugated Monoclonal Antibody (Catalog #: FAB2067A, filled histogram) or isotype control antibody (Catalog #: IC003A, open histogram). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE
Shipping: The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage: Protect from light. Do not freeze.
- 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND
CD90, also known as Thy1, is a GPI-linked glycoprotein expressed by endothelial cells, hematopoietic stem cells, and in developing nervous tissue. Unlike human CD90, mouse CD90 is also highly expressed on T cells and is involved in T cell activation. Over the mature region of CD90, human CD90 shares 63% amino acid identity with mouse CD90/Thy1.