

Datasheet for ABIN7457444  
**anti-CD24 antibody (PE-Cy5.5)**



[Go to Product page](#)

## Overview

|              |                                              |
|--------------|----------------------------------------------|
| Quantity:    | 25 µg                                        |
| Target:      | CD24                                         |
| Reactivity:  | Mouse                                        |
| Host:        | Rat                                          |
| Clonality:   | Monoclonal                                   |
| Conjugate:   | This CD24 antibody is conjugated to PE-Cy5.5 |
| Application: | Flow Cytometry (FACS)                        |

## Product Details

|          |              |
|----------|--------------|
| Clone:   | M1-69        |
| Isotype: | IgG2b, kappa |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | CD24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Alternative Name: | CD24 ( <a href="#">CD24 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Background:       | Cd24a, Ly-52,HAS,Nectadrin,R13-Ag,X62 heat stable antigen,CD24 is a 35-45 kD protein also known as Heat Stable Antigen (HSA), Ly-52, or Nectadrin. It is a GPI-linked sialoglycoprotein expressed on lymphocytes, granulocytes, epithelial cells, thymocytes, monocytes, erythrocytes, and dendritic cells. CD24 expression varies during T and B cell differentiation and is a useful marker for delineating various lymphocyte developmental stages. CD24 serves as an adhesion or costimulatory molecule involved in T and B lymphocyte activation and differentiation by |

## Target Details

|           |                                                                                                                                                                             |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | homophilic binding or binding to CD62P.                                                                                                                                     |
| Gene ID:  | 12484                                                                                                                                                                       |
| UniProt:  | <a href="#">P24807</a>                                                                                                                                                      |
| Pathways: | <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Activated T Cell Proliferation</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10 <sup>6</sup> cells in 100 µL volume]. |
| Comment:           | Matching Isotype Control: PE/Cyanine5.5 Rat IgG2b, κ Isotype Control (ABIN7469864)                                                                                                                                                                                                                     |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                  |

## Handling

|                    |                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Concentration:     | 0.2 mg/mL                                                                                                         |
| Buffer:            | PBS with 0.05 % Proclin300, 1 % BSA                                                                               |
| Preservative:      | ProClin                                                                                                           |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C                                                                                                              |
| Storage Comment:   | Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.                                     |