

Datasheet for ABIN2663517  
**anti-CD5 antibody (PE)**



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1 Image

## Overview

|              |                                                                                                      |
|--------------|------------------------------------------------------------------------------------------------------|
| Quantity:    | 50 µg                                                                                                |
| Target:      | CD5                                                                                                  |
| Reactivity:  | Mouse                                                                                                |
| Host:        | Rat                                                                                                  |
| Clonality:   | Monoclonal                                                                                           |
| Conjugate:   | This CD5 antibody is conjugated to PE                                                                |
| Application: | Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP) |

## Product Details

|               |                                                                                                                                                                           |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone:        | 53-7-3                                                                                                                                                                    |
| Isotype:      | IgG2a kappa                                                                                                                                                               |
| Purification: | The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody. |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | CD5                                                                                                                                                                                                                                                                                             |
| Alternative Name: | CD5 ( <a href="#">CD5 Products</a> )                                                                                                                                                                                                                                                            |
| Background:       | CD5 is a 67 kD protein, also known as Lyt-1, Ly-1, T1, Tp67, or Ly-12. It is a member of the scavenger receptor cysteine-rich protein superfamily (SRCR) and primarily expressed on thymocytes, T cells, and B-1 cells. Although mature $\alpha/\beta$ T cells express high levels of CD5, very |

## Target Details

few  $\gamma/\delta$  T cells express this antigen. The interaction of CD5 with CD72, gp35-37, TCR, or BCR is involved in T and B cell activation.

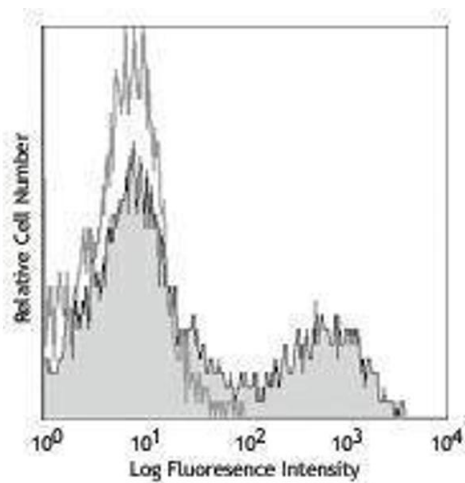
## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Concentration:     | 0.2 mg/mL                                                                                                              |
| Buffer:            | Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.                                                   |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Protect from prolonged exposure to light. Do not freeze.                                                               |
| Storage:           | 4 °C                                                                                                                   |
| Storage Comment:   | The antibody solution should be stored undiluted between 2°C and 8°C.                                                  |

## Images



### Flow Cytometry

Image 1.