

Datasheet for ABIN740742  
**anti-2B4 antibody (PE-Cy5)**



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## Overview

|              |                                           |
|--------------|-------------------------------------------|
| Quantity:    | 100 µL                                    |
| Target:      | 2B4 (CD244)                               |
| Reactivity:  | Human, Mouse, Rat                         |
| Host:        | Rabbit                                    |
| Clonality:   | Polyclonal                                |
| Conjugate:   | This 2B4 antibody is conjugated to PE-Cy5 |
| Application: | Western Blotting (WB)                     |

## Product Details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human CD244 |
| Isotype:              | IgG                                                       |
| Cross-Reactivity:     | Human, Rat                                                |
| Predicted Reactivity: | Mouse                                                     |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | 2B4 (CD244)                                                                                                                                                                       |
| Alternative Name: | CD244 ( <a href="#">CD244 Products</a> )                                                                                                                                          |
| Background:       | Synonyms: 2B4, NAIL, Nmrk, NKR2B4, SLAMF4, Natural killer cell receptor 2B4, NK cell activation-inducing ligand, NK cell type I receptor protein 2B4, h2B4, SLAM family member 4, |

## Target Details

Signaling lymphocytic activation molecule 4, CD244

Background: Modulate other receptor-ligand interactions to enhance leukocyte activation.

CD244/2B4 is the only heterophilic receptor of SLAM family.

|                   |                        |
|-------------------|------------------------|
| Molecular Weight: | 42kDa                  |
| Gene ID:          | 51744                  |
| UniProt:          | <a href="#">Q9BZW8</a> |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | FCM(1:100-500)                                                     |
|                    | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 µg/µL                                                                                                                |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.            |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                                 |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                      |
| Expiry Date:       | 12 months                                                                                                              |