

Datasheet for ABIN602955

## **anti-2B4 antibody (Extracellular Domain) (Biotin)**



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### Overview

|                      |                                                                              |
|----------------------|------------------------------------------------------------------------------|
| Quantity:            | 50 µg                                                                        |
| Target:              | 2B4 (CD244)                                                                  |
| Binding Specificity: | Extracellular Domain                                                         |
| Reactivity:          | Human                                                                        |
| Host:                | Goat                                                                         |
| Clonality:           | Polyclonal                                                                   |
| Conjugate:           | This 2B4 antibody is conjugated to Biotin                                    |
| Application:         | Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (IF) |

### Product Details

|               |                                                                                                                        |
|---------------|------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Recombinant human natural killer cell receptor 2B4 extracellular domain.<br><br>Type of Immunogen: Recombinant protein |
| Isotype:      | IgG                                                                                                                    |
| Specificity:  | Recognizes human 2B4/CD244/SLAMF4.                                                                                     |
| Purification: | Immunoaffinity purified                                                                                                |
| Sterility:    | 0.2 µm filtered                                                                                                        |

### Target Details

|         |             |
|---------|-------------|
| Target: | 2B4 (CD244) |
|---------|-------------|

## Target Details

|                   |                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------|
| Alternative Name: | CD244 ( <a href="#">CD244 Products</a> )                                                         |
| Background:       | Name/Gene ID: CD244<br><br>Synonyms: CD244, 2B4, H2B4, NAIL, NKR2B4, Nmrk, SLAMF4, CD244 antigen |
| Gene ID:          | 51744                                                                                            |
| UniProt:          | <a href="#">Q9BZW8</a>                                                                           |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: ELISA (0.1 - 0.4 µg/mL), Flo (3 - 10 µg/mL), IF, WB (0.1 - 0.2 µg/mL)<br><br>Usage: Suitable for use in Flow Cytometry, ELISA, and Western Blot. Flow Cytometry: 3-10 µg/mL per 10 <sup>6</sup> cells with an appropriate secondary antibody for indirect immunofluorescence staining of cells by flow cytometry. ELISA: 0.1-0.4 µg/mL. Western Blot: 0.1-0.2 µg/mL. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested. |
| Comment:           | Target Species of Antibody: Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Handling

|                  |                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                       |
| Reconstitution:  | 40-50 % glycerol, PBS.                                                                                            |
| Concentration:   | Lot specific                                                                                                      |
| Buffer:          | Lyophilized from 0.2 um filtered solution in PBS, BSA                                                             |
| Storage:         | 4 °C,-20 °C                                                                                                       |
| Storage Comment: | Lyophilized powder may be stored at 4°C for short-term only. Reconstituted product is stable for 1 year at -20°C. |