

Datasheet for ABIN6978833

**anti-CD24 antibody (AA 35-80) (AbBy Fluor® 555)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                            |
| Target:              | CD24                                                                                                                              |
| Binding Specificity: | AA 35-80                                                                                                                          |
| Reactivity:          | Human, Mouse, Rat                                                                                                                 |
| Host:                | Rabbit                                                                                                                            |
| Clonality:           | Polyclonal                                                                                                                        |
| Conjugate:           | This CD24 antibody is conjugated to AbBy Fluor® 555                                                                               |
| Application:         | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)),<br>Immunofluorescence (Cultured Cells) (IF (cc)) |

## Product Details

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human CD24 |
| Isotype:          | IgG                                                      |
| Cross-Reactivity: | Human, Mouse, Rat                                        |
| Purification:     | Purified by Protein A.                                   |

## Target Details

|                   |                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------|
| Target:           | CD24                                                                                    |
| Alternative Name: | CD24 ( <a href="#">CD24 Products</a> )                                                  |
| Background:       | Synonyms: CD 24, CD24, CD24 antigen (small cell lung carcinoma cluster 4 antigen), CD24 |

## Target Details

antigen, CD24 Molecule, CD24\_HUMAN, CD24A, GPI linked surface mucin, Heat stable antigen, HSA, Nectadrin, Signal transducer CD24, Small cell lung carcinoma cluster 4 antigen, Cd24, Cd24a, Ly-52.

Background: Modulates B-cell activation responses. Signaling could be triggered by the binding of a lectin-like ligand to the CD24 carbohydrates, and transduced by the release of second messengers derived from the GPI-anchor. Promotes AG-dependent proliferation of B-cells, and prevents their terminal differentiation into antibody-forming cells.

|           |                                                                                                                                                                             |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID:  | 100133941                                                                                                                                                                   |
| UniProt:  | <a href="#">P25063</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: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| 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:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: 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                                                                                                          |