



# Mouse Anti-Human CD24 monoclonal antibody, clone SN3 (CABT-L2451)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |   |
|---------------------------|---|
| <b>Specificity</b>        | This antibody is specific for human CD24.   |
| <b>Immunogen</b>          | A cell membrane antigen preparation that was isolated from the human pre-B leukemia cell line NALM-1. |
| <b>Isotype</b>            | IgG, κ  |
| <b>Source/Host</b>        | Mouse   |
| <b>Species Reactivity</b> | Human   |
| <b>Clone</b>              | SN3   |
| <b>Purification</b>       | Protein G purified.   |
| <b>Conjugate</b>          | Unconjugated  |
| <b>Applications</b>       | WB, ICC, IP, FC   |
| <b>Format</b>             | Liquid  |
| <b>Concentration</b>      | Lot specific  |
| <b>Size</b>               | 1 mg  |
| <b>Buffer</b>             | PBS   |
| <b>Preservative</b>       | 0.02% Sodium Azide  |
| <b>Storage</b>            | -20°C. Avoid Freeze/Thaw Cycles   |

# BACKGROUND

|              |  |
|--------------|--|
| Introduction | CD24 or heat stable antigen (HSA) is a heavily glycosylated 35-45 kDa glycosyl phosphatidylinositol (GPI)-linked surface mucin that may play a role in the regulation of B-cell proliferation and maturation. It is expressed on the surface of early B cells, B cells (but not plasma cells), granulocytes, B leukemia and lymphoma cells, chronic myeloid leukemia cells. Other cellular reactivity is seen on hepatocellular carcinoma, small-cell lung carcinoma, Wilms tumor, and nasopharyngeal carcinoma. CD24 is a marker of B cell malignancies and carcinomas. |
| Keywords     | CD24;CD24 molecule;CD24A;signal transducer CD24;CD24 antigen (small cell lung carcinoma cluster 4 antigen);  |

# GENE INFORMATION

|                |                        |
|----------------|------------------------|
| Entrez Gene ID | <a href="#">3559</a>   |
| UniProt ID     | <a href="#">P01589</a> |