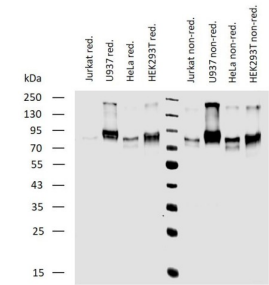
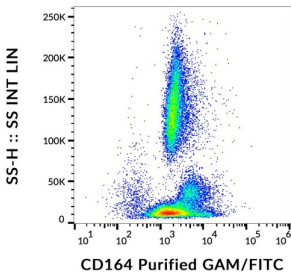


Sialomucin Core Protein 24 (CD164) Antibody

Catalogue No.: abx140504



Western blotting analysis of human CD164 expression in various cell lines under reducing and non-reducing conditions (20 µg/lane), using CD164 antibody (2 µg/ml).



Flow cytometry analysis (surface staining) of human peripheral blood cells, using CD164 antibody and FITC-conjugated goat anti-mouse secondary antibody.

CD164 Antibody is a Mouse Monoclonal against CD164.

**Target:** Sialomucin Core Protein 24 (CD164)

**Clonality:** Monoclonal

**Clone:** N101

**Reactivity:** Human

**Tested Applications:** WB, IF/ICC, FCM, IP

**Host:** Mouse

**Recommended dilutions:** WB: 1-2 µg/ml, FCM: 1-4 µg/ml. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Breast tumor cell line T-47D.

**Isotype:** IgG<sub>1</sub>

**Purity:** > 95% (SDS-PAGE)

# Datasheet

Version: 3.0.0  
Revision date: 23 Jun 2025



|                            |                                                                                                                                                                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purification:</b>       | Purified by Protein A affinity chromatography.                                                                                                                                                                                                                                                        |
| <b>Storage:</b>            | Store at 2-8°C. Do not freeze.                                                                                                                                                                                                                                                                        |
| <b>UniProt Primary AC:</b> | Q04900 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                                                                                                                                                                           |
| <b>Gene Symbol:</b>        | CD164                                                                                                                                                                                                                                                                                                 |
| <b>GeneID:</b>             | <a href="#">8763</a>                                                                                                                                                                                                                                                                                  |
| <b>Buffer:</b>             | PBS solution with 15 mM sodium azide.                                                                                                                                                                                                                                                                 |
| <b>Specificity:</b>        | The mouse monoclonal antibody recognizes class III epitope (not sensitive to sialidase, N-glycanase, O-glycosidase, and O-sialoglycoprotease) of CD164, a sialomucin expressed in hematopoietic myeloid and erythroid progenitors, activated basophils, and in various carcinomas and leukemic cells. |
| <b>Concentration:</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                               |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.                                                                                                                                                            |