

Datasheet for ABIN7278553 **anti-CD24 antibody (violetFluor™ 450)**

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Overview

Quantity:	100 µg
Target:	CD24
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD24 antibody is conjugated to violetFluor™ 450
Application:	Flow Cytometry (FACS)

Product Details

Clone:	M1-69
Isotype:	IgG2b kappa
Purification:	This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

Target Details

Target:	CD24
Alternative Name:	CD24 (CD24 Products)
Background:	The M1/69 antibody reacts with mouse CD24, a cell surface molecule also known as Heat Stable Antigen (HSA). CD24 is a GPI-linked glycoprotein involved in cell adhesion and is a ligand

Target Details

for CD62P (P-selectin). It is expressed on erythrocytes, thymocytes, peripheral lymphocytes and myeloid lineage cells. The expression of CD24 is used to delineate stages of lymphocyte development in the bone marrow.

Gene ID: 12484

UniProt: [P24807](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#)

Application Details

Application Notes: This antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). Please refer to the figure legend for the optimal concentration used to stain the tissue shown. We recommend titrating the antibody under your specific conditions to determine the optimal concentration of antibody needed in your experimental system. violetFluor™ 450 dye is excited by the violet (405 nm) laser and has a peak emission of 450 nm. The most common band pass filters for this dye are 440/40 or 450/50. violetFluor™ 450 can be used as an alternative for Pacific Blue®, BD Horizon™ V450 or eFluor® 450.

Comment: 0.2 mg/mL

Restrictions: For Research Use only

Handling

Buffer: 10 mM NaH₂PO₄, 150 mM NaCl, 0.09 % Sodium azide, 0.1 % gelatin, pH 7.2

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: 4 °C

Storage Comment: 2-8°C protected from light

Expiry Date: 12 months