

Datasheet for ABIN7543435

Recombinant anti-CD24 antibody[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD24
Reactivity:	Mouse
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD24 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-CD24 [M1/69], Rabbit IgG, kappa
Immunogen:	The original antibody was generated by immunizing DA rats with B10 mouse splenic T cells and concanavalin A-activated splenocytes.
Clone:	M1-69
Isotype:	IgG kappa
Specificity:	This antibody binds mouse CD24 also known as Heat Stable Antigen (HSA), Ly-52, or Nectadrin. It is a variably glycosylated GPI-anchored membrane protein expressed on the surface lymphocytes, granulocytes, epithelial cells, thymocytes, monocytes, erythrocytes, and dendritic cells. This protein plays an important role in differentiation of different cell types and its expression varies during lymphocyte differentiation which makes it a good marker for

Product Details

	delineating various lymphocyte developmental stages. It is also expressed in erythroleukemia, small cell lung carcinoma and multiple sclerosis.
Characteristics:	Original Species of Ab: Rat Original Format of Ab: IgG2b
Purification:	Protein A affinity purified

Target Details

Target:	CD24
Alternative Name:	CD24 (CD24 Products)
Background:	Heat stable antigen, Signal transducer CD24, Lymphocyte antigen 52, Ly-52, M1/69-J11D heat stable antigen, HSA, Nectadrin, R13-Ag, X62 heat stable antigen
UniProt:	P24807
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation

Application Details

Application Notes:	This antibody was capable of recognizing CD24 antigen from microsomal membrane preparation of different mouse cells through western blot (PMID: 1696896). This antibody is recommended for immunophenotypic analysis of CD24 expressed on mouse B and T cells using flow cytometry (PMID: 17702899, 20133615, 20203098, 33111080). This antibody (dilution 1:100) was also used in the immunohistochemical analysis of CD24 expression in mouse thyroid cells using 5-µm zinc-fixed, paraffin-embedded thyroid sections (PMID: 18801910). This antibody was also reported to be used in the flow cytometric and immunohistochemical analysis of murine CD24 expressed on the surface of normal human breast epithelial cells early after their infection with a retroviral vector (PMID: 9232274). This antibody was also used in the immunofluorescence staining of murine spinal cord sections (PMID: 17475850).
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % Proclin 300.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.