

Datasheet for ABIN2664423
anti-CD24 antibody



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2 Images

Overview

Quantity:	100 µg
Target:	CD24
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD24 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Blocking Reagent (BR)

Product Details

Clone:	ML5
Isotype:	IgG2a kappa
Cross-Reactivity:	Chimpanzee, Baboon
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	CD24
Alternative Name:	CD24 (CD24 Products)
Background:	CD24 is a 35-45 kD glycosylphosphatidylinositol (GPI)-linked protein also known as heat stable antigen (HSA), BA-1, Ly-52, and nectadrin. It is expressed on the surface of B cells (but not plasma cells), granulocytes, follicular dendritic cells, and epithelial cells. CD24 may play a role in the regulation of B-cell proliferation and maturation. CD24 crosslinking induces a Ca ²⁺ flux in

Target Details

mature B cells. CD24 has been shown to interact with CD62P (P-selectin).

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

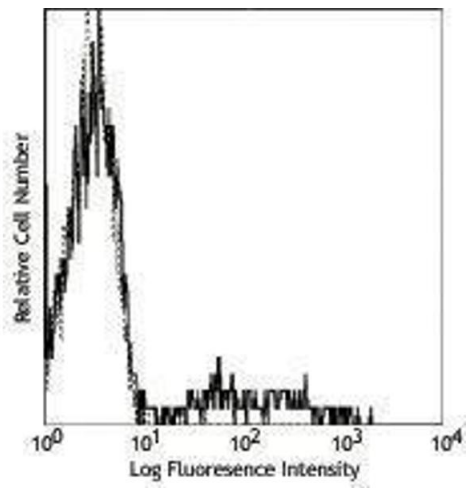
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

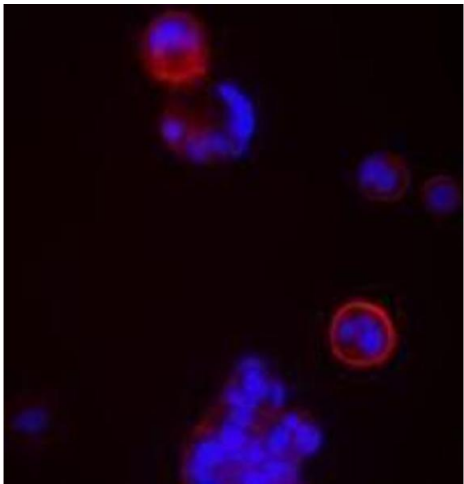
Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.



Immunofluorescence

Image 2.