

Datasheet for ABIN3071840 **anti-CD55 antibody (Biotin)**



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CD55
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD55 antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	CD55 Biotin Antibody
Immunogen:	Human umbilical vein endothelial cells
Clone:	F4-29D9
Isotype:	IgG1, kappa
Characteristics:	The clone F4-29D9 binds with a single chain 70 kDa glycoprotein and identified as CD55 (also known as decay accelerating factor, DAF). CD55 is widely expressed on cells throughout the body including leukocytes, erythrocytes, epithelium, endothelium, and fibroblasts. It is a Glycosyl phosphatidylinositol anchored (GPI-anchored) protein and inhibits autologous complement cascade activation. CD55 also serves as receptor for CD97, echovirus and Coxsackie B virus. Anticd55 is a useful marker for the diagnosis of paroxysmal nocturnal hemoglobinuria (PNH).
Purification:	Purified

Product Details

Purity: >95 %

Grade: GMP Grade

Target Details

Target: CD55

Alternative Name: CD55 ([CD55 Products](#))

NCBI Accession: [NP_000565](#), [NM_000574](#), [NP_001108224](#), [NM_001114752](#), [NP_001287832](#), [NM_001300903](#),
[NP_001287833](#)

UniProt: [P08174](#)

Pathways: [Complement System, Regulation of Leukocyte Mediated Immunity](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

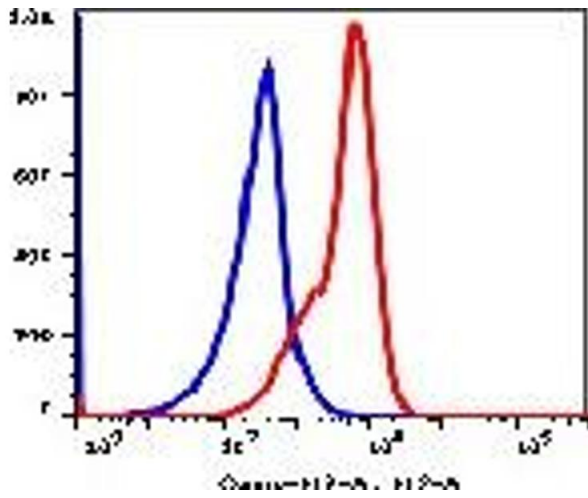
Buffer: PBS pH 7.2, 0.09 % sodium azide

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: 2-8°C, Conjugated antibodies should never be frozen.



Flow Cytometry

Image 1.