

Datasheet for ABIN3071829

anti-CD55 antibody**2** Images[Go to Product page](#)

Overview

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

Product Details

Immunogen:	Human umbilical vein endothelial cells (HUVEC)
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
Purity:	>95 %

Product Details

Grade: GMP Grade

Target Details

Target: CD55

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

Background: 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).

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

Restrictions: For Research Use only

Handling

Format: Liquid

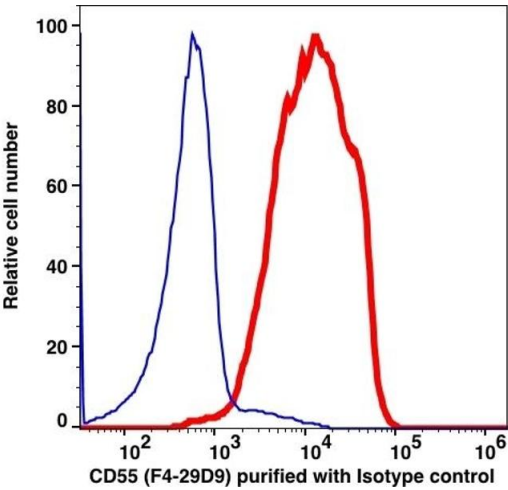
Concentration: 0.5 mg/mL

Buffer: PBS pH 7.2, 0.1 % (w/v) BSA, 0.09 % (w/v) 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



Flow Cytometry

Image 1.

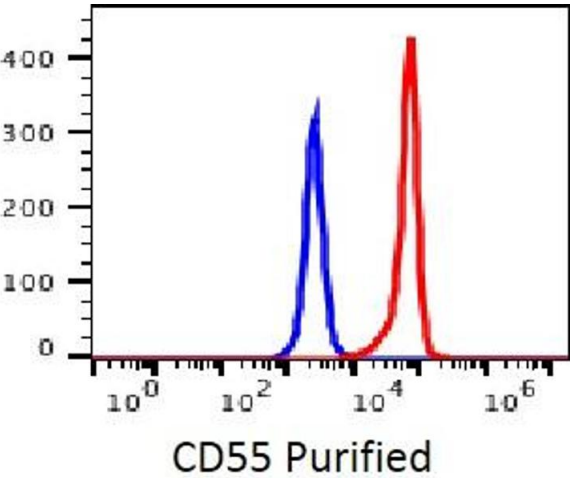


Image 2.