

Datasheet for ABIN3071853

anti-CD59 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD59
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD59 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Human K562 tumor cells
Clone:	BRA-10G
Isotype:	IgG1 kappa
Characteristics:	<p>The clone BRA-10G binds with human CD59, a 20 kDa glycosyl phosphatidyl-inositol (GPI)-anchored cell surface protein. CD59 regulates complement-mediated cell lysis and is a potent inhibitor of the complement membrane attack complex. CD59 is widely distributed on cells in all tissues. The CD59 expression on erythrocytes is important for their survival. Genetic defects in GPI-anchor attachment, that cause a reduction or loss of CD59 and CD55 on erythrocytes produce the symptoms of the disease paroxysmal hemoglobinuria (PNH). This MAb is useful for study on GPI-anchored proteins, PNH and CD59 functions.</p>
Purification:	Purified
Purity:	>95 %

Product Details

Grade: GMP Grade

Target Details

Target: CD59

Alternative Name: CD59 ([CD59 Products](#))

Background: The clone BRA-10G binds with human CD59, a 20 kDa glycosyl phosphatidyl-inositol (GPI)-anchored cell surface protein. CD59 regulates complement-mediated cell lysis and is a potent inhibitor of the complement membrane attack complex. CD59 is widely distributed on cells in all tissues. The CD59 expression on erythrocytes is important for their survival. Genetic defects in GPI-anchor attachment, that cause a reduction or loss of CD59 and CD55 on erythrocytes produce the symptoms of the disease paroxysmal hemoglobinuria (PNH). This MAb is useful for study on GPI-anchored proteins, PNH and CD59 functions.

NCBI Accession: [NP_000602](#), [NP_001120695](#), [NP_001120697](#), [NP_001120698](#), [NP_001120699](#), [NP_976074](#), [NP_976075](#), [NP_976076](#)

UniProt: [P13987](#)

Pathways: [Complement System](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

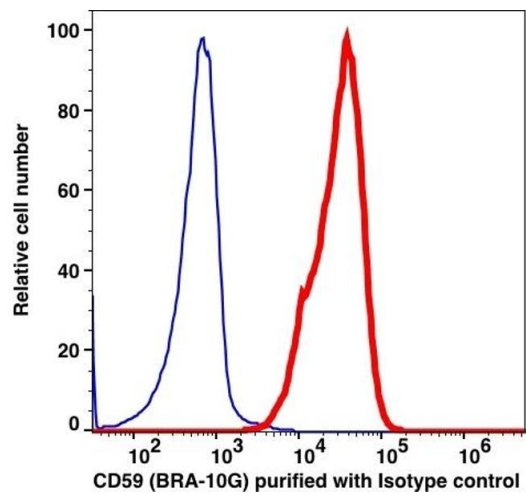
Concentration: 0.5 mg/mL

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.

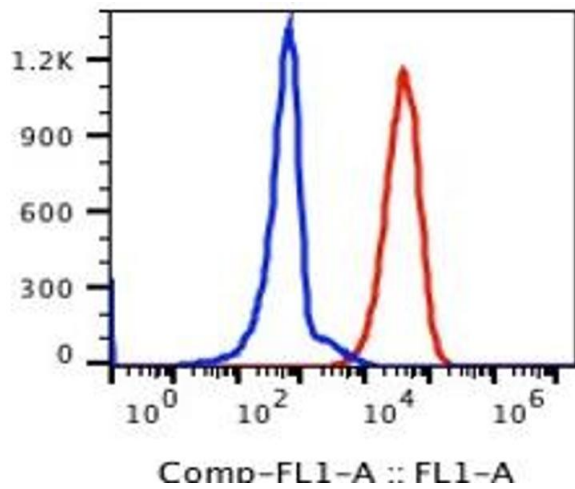


Image 2.