Datasheet for ABIN2665995
anti-CD41, CD61 antibody

2   Images

Overview

Quantity:	500 µg
Target:	CD41, CD61
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD41, CD61 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), DNA Microscopy (DNA Mic)

Product Details

Brand:	Ultra-LEAF™
Clone:	A2A9-6
Isotype:	IgG2a kappa
Purification:	The Ultra-LEAF™ (Low Endotoxin, Azide-Free) antibody was purified by affinity chromatography.
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin level is <0.01 EU/µg of the protein (<0.001 ng/µg of the protein) as determined by the LAL test.

Target Details

Target:	CD41, CD61
Alternative Name:	CD41/CD61 (CD41, CD61 Products)

Target Details

Background:	CD41/CD61, also known as gpIIb/IIIa, is a member of a family integrin receptors. This is a complex comprised by CD41 and CD61 through non-covalent association. CD41/CD61 is mainly expressed by platelets and megakaryocytes. The resting form of the CD41/CD61 complex is involved in platelet activation and aggregation by binding to immobilized fibrinogen. After activation, CD41/CD61 becomes a receptor for soluble fibrinogen and several other RGD-containing adhesive proteins such as von Willebrand Factor (vWF) and fibronectin. An absence or dysfunction of CD41/CD61 on the platelet surface results in an inherited bleeding disorder, called Glanzmann Thromsasthenia (GT). CD41/CD61 has been found on murine hematopoietic progenitor cells, indicating that this complex may play a role in regulating hematopoietic development.

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

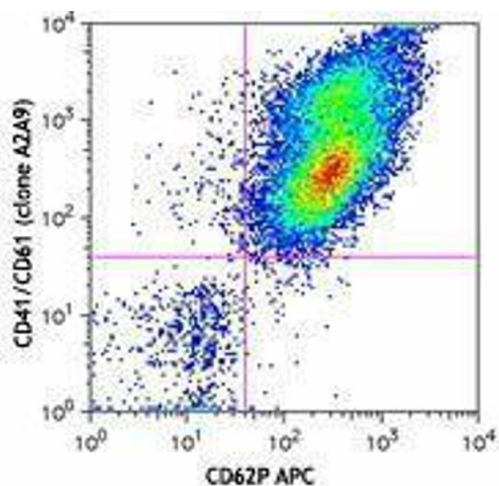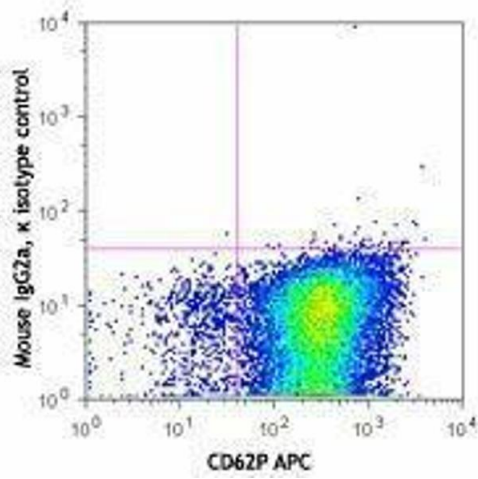|	
Concentration:	1.0 mg/mL
Preservative:	Azide free
Handling Advice:	This Ultra-LEAF™ solution contains no preservative, handle under aseptic conditions
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

Images

Flow Cytometry

Image 1.

Images

Image 2.