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Datasheet for ABIN120593  
**anti-CD41, CD61 antibody**

### Overview

Quantity:	0.1 mg
Target:	CD41, CD61
Reactivity:	Cow
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD41, CD61 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Enzyme Immunoassay (EIA), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	Bovine trombocytes
Clone:	IVA30
Isotype:	IgG2
Purification:	Affinity Chromatography on Protein A .

### Target Details

Target:	CD41, CD61
Abstract:	<a href="#">CD41, CD61 Products</a>
Background:	CD41 is a transmembrane glycoprotein (integrin family) composed of two chains GPIIba (heavy chain, 120 kDa) and GPIIbb (light chain, 23 kDa). CD61 non-covalently associates with CD41. CD41/CD61 complex acts as the receptor for fibrinogen, fibronectin, Von Willebrand factor,

## Target Details

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vitronectin, thrombin and mediates platelets aggregation. CD41/CD61 is expressed only by platelets and megakaryocytes, the complex may be absent or strongly reduced in Glanzmann's thrombasthenia (GT).Synonyms: CD41, CD61, GP2B, GP3A, GPIIb, GPIIb-IIIa, GPalpha IIb, ITGA2B, ITGAB, ITGB3, Integrin alpha-IIb, Integrin beta-3, Platelet membrane glycoprotein IIb

UniProt: [P08514](#)

## Application Details

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Application Notes: Flow Cytometry. Immunoprecipitation. Immunohistochemistry on Frozen Sections. ELISA.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

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Concentration: 1.0 mg/mL

Buffer: Phosphate buffered saline (PBS) with 15 mM Sodium Azide as preservative, approx. pH 7.4.

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/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.  
Shelf Life: one year from despatch.

Expiry Date: 12 months