

## DATASHEET

# CD61 Mouse Monoclonal Antibody (ARM955)

CAT. NO. ARM6745

### KEY FEATURES

Target	CD61	Clone ID	ARM955
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

### BACKGROUND

Cluster of Differentiation 61 (CD61), also known as Glycoprotein IIIa or GPIIIa, is an antigen expressed on megakaryocytes, platelets, myeloid cells, monocytes, endothelial cells, smooth muscle cells, and macrophages. It is involved in platelet aggregation and acts as a receptor for fibrinogen, fibronectin, von Willebrand factor, and vitronectin. Anti-CD61 is used for identifying megakaryocytopoiesis, as seen in megakaryoblastic leukemias, myelodysplastic disorders, and acute myeloid leukemias. CD61 is also indicated as a marker for platelet adhesion in advanced atherosclerosis and has been reported in the identification of fat embolism in pulmonary tissue.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	IHC
Dilution Ratio	1:100-1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG1
Positive Control	Bone Marrow
Localization	Cytoplasmic
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	ITGB3
Entrez Gene ID	3690
Uniprot	P05106
Alternative Names	GP3A; Integrin beta-3; Platelet membrane glycoprotein IIIa; GPIIIa; CD61

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

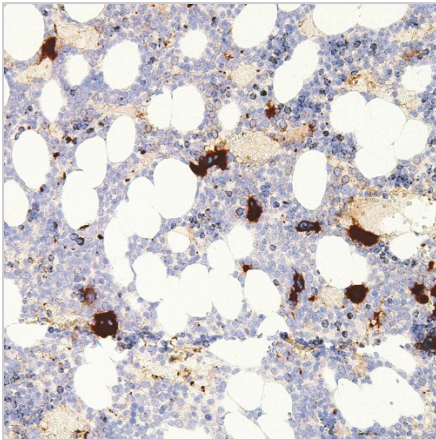
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**DATA**

Immunohistochemical staining of human bone marrow tissue using CD61 Mouse Monoclonal Antibody (ARM955).

**RESEARCH USE ONLY**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com / cd61-mouse-monoclonal-antibody-arm955-arm6745](http://www.arexbio.com/cd61-mouse-monoclonal-antibody-arm955-arm6745)