**Monoclonal Antibody to CD61 / ITGB3 - Purified**

**Alternate names:** GP3A, GPIIIa, Integrin beta-3, Platelet membrane glycoprotein IIIa

**Catalog No.:** AM05881PU-S

**Quantity:** 0.1 mg

**Concentration:** 1.0 mg/ml

**Background:**
Human Integrin beta 3 (CD61) antigen is a 90-110 kDa glycoprotein polypeptide which is expressed on platelets, megakaryocytes, macrophages, osteoclasts and synovial lining cells. The platelet glycoprotein is the integrin beta 3 chain of the vitronectin receptor and GPIIb/IIIa complex.

**Uniprot ID:** P05106

**NCBI:** 9606

**GeneID:** 3690

**Host / Isotype:** Mouse / IgG1

**Recommended Isotype Controls:** SM10P (for use in human samples), AM03095PU-N

**Clone:** JM2E5

**Immunogen:** Porcine peripheral blood mononuclear cells.
Spleen cells from immunised Balb/c mice were fused with cells of the mouse SP2/0 - Ag14 myeloma cell line.

**Format:**
State: Liquid purified Ig fraction
Purification: Affinity Chromatography on Protein G
Buffer System: PBS, pH 7.4
Preservatives: 0.09% Sodium Azide

**Applications:**
Western blot.
Immunoprecipitation.
Flow Cytometry: Use 10 µl of 1/50-1/100 diluted antibody to label 10^6 cells in 100 µl.
Immunohistochemistry on Frozen Sections.
Immunohistochemistry on Paraffin Sections: Requires antigen retrieval using heat treatment methods prior to staining, Sodium citrate buffer pH 6.0 is recommended for this purpose.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

For research and in vitro use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.
Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com
Specificity: This antibody Clone JM2E5 recognizes the Porcine CD61 cell surface antigen, also known as platelet glycoprotein IIla. CD61 is expressed by platelets and megakaryocytes, but not by other haematopoietic cells. The epitope recognized by this antibody is not sensitive to EDTA. This antibody detects a band of approximately 85kDa in Porcine platelet lysates.

Species: Pig, Dog, Human, Bovine and Horse.

Other species not tested.

Storage: Store 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.

General Readings:


