

Monoclonal Antibody to CD61 / ITGB3 - FITC

| | |
|--------------------------|--|
| Alternate names: | GP3A, GPIIIa, Integrin beta-3, Platelet membrane glycoprotein IIIa |
| Catalog No.: | AM05881FC-N |
| Quantity: | 0.1 mg |
| Concentration: | 0.1 mg/ml |
| Background: | CD61 is expressed by platelets and megakaryocytes, but not by other haematopoietic cells. |
| Uniprot ID: | P05106 |
| NCBI: | 9606 |
| Host / Isotype: | Mouse / IgG1 |
| 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: Phosphate buffered saline pH 7.4 containing 0.09% Sodium Azide as preservative and 1% Bovine Serum Albumin as stabilizer Label: FITC – Fluorescein Isothiocyanate Isomer 1 |
| Applications: | Flow Cytometry: Use 10µl of neat-1/10 antibody to label 10e6 cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | AM05881FC-N recognises the CD61 cell surface antigen, also known as platelet glycoprotein IIIa. The epitope recognised by this antibody is not sensitive to EDTA. Species: Pig, Dog, Human, Bovine, Horse. Other species not tested. |
| Storage: | Store the antibody at 2 - 8 °C for up to one month or at -20 °C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch. |
| General Readings: | 1. Pérez de la Lastra JM, Moreno A, Pérez J, Llanes D. Characterization of the porcine homologue to human platelet glycoprotein IIb-IIIa (CD41/CD61) by a monoclonal antibody. <i>Tissue Antigens</i> . 1997 Jun;49(6):588-94. PubMed PMID: 9234480. 2. Arce, C et al. (2001) Expression of CD61 (beta 3 integrin subunit) on canine cells. <i>Platelets</i> 12:69-73. 3. Merono A, Lucena C, López A, Garrido JJ, Pérez de LL, Llanes D. Immunohistochemical analysis of beta3 integrin (CD61): expression in pig tissues and human tumors. <i>Histol</i> |

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.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com



Histopathol. 2002 Apr;17(2):347-52. PubMed PMID: 11962738.

Pictures:

Staining of porcine peripheral blood platelets with MOUSE ANTI PORCINE CD61:FITC (AM05881FC-N).

