

## Monoclonal Antibody to CD41-CD61 Complex - FITC

<b>Alternate names:</b>	CD41, CD61, GP2B, GP3A, GPIIb, GPIIb-IIIa, GPalpha IIb, ITGA2B, ITGAB, ITGB3, Integrin alpha-IIb, Integrin beta-3, Platelet membrane glycoprotein IIb
<b>Catalog No.:</b>	AM05550FC-N
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	CD41/61 is a heterodimeric cell surface protein that is expressed on chicken thrombocytes and cells of the thrombocyte lineage. Avian thrombocytes are nucleated equivalents of mammalian platelets that play a role in coagulation and phagocytosis.
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	11C3
<b>Immunogen:</b>	Peripheral blood leukocytes from white leghorn chicken
<b>Format:</b>	<b>State:</b> Liquid purified IgG <b>Purification:</b> Affinity chromatography on Protein G <b>Buffer System:</b> Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide, 1% Bovine Serum Albumin <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	Flow Cytometry: 1/2. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the chicken integrin CD41/61. Clone 11C3 is reported to induce thrombocyte activation. <b>Species:</b> Chicken. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) 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.
<b>Caution:</b>	(A full Health and Safety assessment is available upon request) This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. This antibody is licensed from INRA-INSERM
<b>General Readings:</b>	1. Lacoste-Eleau AS, Bleux C, Quéré P, Coudert F, Corbel C, Kanellopoulos-Langevin C. Biochemical and functional characterization of an avian homolog of the integrin GPIIb-IIIa present on chicken thrombocytes. Exp Cell Res. 1994 Jul;213(1):198-209. PubMed PMID: 8020592. 2. Corbel, C. et al. (2002) Expression of alpha V beta 3 integrin in the chick embryo aortic endothelium. Int. J. Dev. 46: 827 - 830.

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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Pictures:

Staining of chicken peripheral blood cells with mouse anti chicken CD41/61:FITC

