

anti-human CD41a

Monoclonal antibody DD4.1 to human CD41a

Cat-No: **21330411**

100 µg in 100 µg

Clone: DD4.1

Specificity: This clone has been derived from hybridization of NS-1 cells with spleen cells of a BALB/c mouse immunized with medulloblastoma tissue. The monoclonal antibody reacts with megakaryocytes, platelets and recognizes the intact thrombocyte GPIIb/IIIa complex, i.e. it does not bind to dissociated GPIIb or GPIIIa. The antibody does not bind or reduced to thrombocytes from patients with Glanzmann's thrombasthenia and does not recognize the vitronectin receptor, which contains GPIIa as a beta subunit (cf. CD61). Apparent molecular mass under reducing conditions: GPIIIa: 110 kDa; GPIIb alpha chain: 125 kDa, beta chain: 25 kDa.

Isotype subclass: Mouse IgG1

Form: purified by recipitation and gelfiltration

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing 0.09 % sodium azide (pH 7.2).

Storage conditions: Store at 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

Application: Immunofluorescence , Flow Cytometry

References: Modderman, P.W. et al., Thrombosis and Haemostasis, 60, 68 (1988).

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research use only**. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

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