

Monoclonal antibody against human CD41

Product Nos. ADG5026 and ADG5026L

Description

CD41 (platelet glycoprotein IIb) is composed of two subunits (120 kDa α , α and 23 kDa β , β) that interact with CD61 in the presence of calcium to form a functional adhesive protein receptor. Upon blood vessel damage, this receptor binds to a variety of proteins including von Willebrand factor, fibrinogen, fibronectin and vitronectin. CD41 is mainly expressed on megakaryocyte-platelet lineage, but generally belongs to the antigens that are expressed during early stages of hematopoietic differentiation.

Properties

The monoclonal antibody ADG5026/L (clone MEM-06) is a murine monoclonal antibody, subclass IgG₁. The antibody has been purified from by protein-A affinity chromatography, Purity > 95% (by SDS-PAGE).

The antibody reacts with CD41 (GPIIb), a transmembrane glycoprotein (integrin family) composed of two chains GPIIb α (heavy chain; 120 kDa) and GPIIb β (light chain; 23 kDa). CD41 is mainly expressed on platelets and megakaryocytes.

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Hinweis/Note:

Der Packungsbeileger dient nur als erste Information. Der relevante Packungsbeileger liegt der Ware bei.

The datasheet is for information purposes only. The current datasheet will be enclosed with product shipment.

Presentation

Vial containing 100 μ g /100 μ l (ADG5026) or 300 μ g/300 μ l (ADG5026L) of purified antibody in PBS containing 0.09 % sodium azide (pH 7.2). The IgG concentration is 1 mg/ml. Spin the vial briefly before opening.

Storage and Stability

Store at 4 °C. For long-term storage aliquot and store at -20°. It is recommended to avoid freeze-thaw cycles. The reagent is stable until the expiry date stated on the vial label.

Applications

Flow Cytometry

References

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