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- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FITC Mouse anti-Human CD34 Monoclonal Antibody

CLX41F

Size: 100 Tests

Clone: 4H11[APG]

Isotype: Mouse IgG1

Specificity: The antibody 4H11[APG] reacts with Class III epitope on CD34 (Mucosialin), a 110 kDa monomeric transmembrane phosphoglycoprotein with two extracellular domains. CD34 is expressed on hematopoietic progenitor cells and on the most pluripotential stem cells; it is gradually lost on progenitor cells. The antibody 4H11[APG] completely blocks binding of Class II antibody QBEnd10 and Class III antibodies BIRMA K3 and 8G12 on KG1a cell line.

HLDA VI; WS Code M MA58

Immunogen: Permanent human cell line derived from peripheral leucocytes of a patient suffering from chronic myeloid leukaemia.

Species Reactivity: Human

Preparation: The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC and adjusted for direct use. No reconstitution is necessary

Storage Buffer: The reagent is provided in phosphate buffered saline (PBS) with 15 mM sodium azide and 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) as a stabilizing agent.

Storage / Stability: Store in dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label. Short-term exposure to room temperature should not affect the quality of the reagent. However, if reagent is stored under any conditions other than those specified, the conditions must be verified by the user.

Usage: The reagent is designed for Flow Cytometry analysis of human blood cells using 20µl reagent/100µl of whole blood or 10⁶ cells in a suspension.

References: *Leukocyte Typing VI. Kishimoto T. et al. (Eds.), Garland Publishing Inc. (1997).

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