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## **Biotin Anti-Human CD41 Antibody[HIP8]**

Catalog Number: E-AB-F1088B

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human Host Mouse

**Isotype** Mouse IgG1, κ

Clone No. HIP8

Isotype Control Biotin Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793B]

Conjugation Biotin

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. For flow

cytometric staining, the suggested use of this reagent is  $\leq$  1.0  $\mu$ g per 10<sup>6</sup> cells in 100  $\mu$ L volume or 100  $\mu$ L of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

**Preparation & Storage** 

**Storage** Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Do not freeze.

Shipping Ice bag

**Antigen Information** 

Alternate Names ITGAB;CD41;GP2B;GPIlb;GPalpha lib;ITGA2B;Integrin alpha-lib;Platelet membrane

glycoprotein lib

 Uniprot ID
 P08514

 Gene ID
 3674

Background CD41 is a 125/25 kD α subunit of the gpllb/llla (CD41/CD61) complex. CD41 is a

heterodimer composed of a heavy chain (gpllb $\alpha$ ) and light chain (gpllb $\beta$ ) linked by a single disulfide bond. It is a member of the integrin family primarily expressed on platelets and megakaryocytes. CD41 has been reported to be involved with platelet aggregation and platelet attachment to the ECM. CD41/CD61 complex acts as the

receptor for fibrinogen, fibronectin, Von Willebrand factor and thrombin.