



Product Datasheet

Purified Anti-Human CD41 Antibody [HIP8]

Catalogue Code: AGEL3507

Antibody Data

Product SKU:	AGEL3507	Clone:	HIP8
Applications:	FCM		
Reactivity:	Human		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	Integrin alpha- IIb ;ITGA2B;GPalpha IIb ;GPIIb;Platelet membrane glycoprotein IIb ;CD41;GP2B; ITGAB;
Uniprot ID:	P08514
Background:	CD41 is a 125/25 kD α subunit of the gPIIb/IIIa (CD41/CD61) complex. CD41 is a heterodimer composed of a heavy chain ($\text{gPIIb}\alpha$) and light chain ($\text{gPIIb}\beta$) 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.
Form:	Liquid
Conjugation:	Unconjugated
Size:	25 μg , 100 μg
Host Species:	Mouse
Isotype:	Mouse IgG1, κ
Isotype Control:	Purified Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL3507]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Shipping:	Biological ice pack at 4°C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 2.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
