

Mouse anti-Human CD41 Monoclonal Antibody | anti-CD41 antibody

Anti-Human CD41 Monoclonal Antibody (PE Conjugated)

CATALOG # AAA174633	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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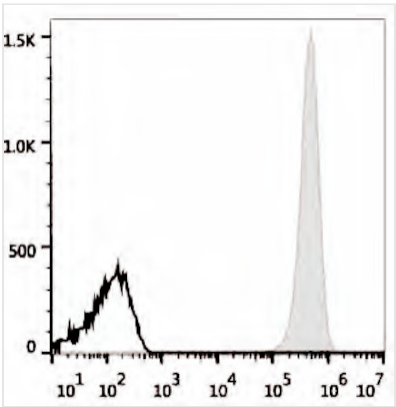
PRODUCT SYNONYMS

CD41; Monoclonal Antibody; Anti-Human CD41 Monoclonal Antibody (PE Conjugated); Integrin alpha-lib; ITGA2B; GPalph lib; GPIIb; Platelet membrane glycoprotein lib; GP2B; ITGAB; anti-CD41 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1?
Clone Number	HIP8
Form/Format	Liquid; Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Sequence Length	1039
Applicable Applications for anti-CD41 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE
Isotype Control	PE Mouse IgG1, ? Isotype Control[MOPC-21] [Product]
Recommended Usage	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 uL of antibody per test (million cells in 100 uL staining volume or per 100 uL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
Preparation and Storage	Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)
Human ErythroLeukemia cell line HEL are stained with PE Anti-Human CD41 Antibody (filled gray histogram).Unstained Human ErythroLeukemia cell line HEL (empty black histogram) are used as control.

ADDITIONAL INFORMATION

Related Product Information for anti-CD41 antibody	CD41 is a 125/25 kD alpha subunit of the gpIIb/IIIa (CD41/CD61) complex. CD41 is a heterodimer composed of a heavy chain (gpIIbalpha) and light chain (gpIIbbeta) 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.
References	1. Denzin L, et al. 1996. J. Exp. Med. 184:2153. 2. Denzin L, et al. 1995. Cell 82:155. 3. Riberdy J, et al. 1994. J. Cell Biol. 125:1225.

NCBI AND UNIPROT INFORMATION

NCBI GI #	88758615
NCBI GeneID	3674
NCBI Accession #	NP_000410.2
NCBI GenBank Nucleotide #	NM_000419.4
UniProt Accession #	P08514
NCBI Official Full Name	integrin alpha-IIb preproprotein
NCBI Official Synonym Full Names	integrin subunit alpha 2b
NCBI Official Symbol	ITGA2B
NCBI Official Synonym Symbols	GT; GTA; CD41; GP2B; HPA3; CD41B; GPIIb; BDPLT2; BDPLT16; PPP1R93
NCBI Protein Information	integrin alpha-IIb
UniProt Protein Name	Integrin alpha-IIb
UniProt Gene Name	ITGA2B
UniProt Synonym Gene Names	GP2B; ITGAB; GPIIb
UniProt Entry Name	ITA2B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

