

Mouse anti-Human CD42b Monoclonal Antibody

Mouse Anti-Human CD42b-PE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78755	Mouse	Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD42b; Monoclonal Antibody; Mouse Anti-Human CD42b-PE; Mouse Anti-Human CD42b - Phycoerythrin-Labeled; Mouse Anti-Human CD42b; GPIb?; glyocalicin; anti-CD42b antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1?
Clone Number	MM2/174
Specificity	Human CD42b; Mr 145 kDa
Form/Format	R-phycoerythrin (PE) supplied as 100 tests in 1.0 mL of PBS/NaN3 and a stabilizing agent.
Applicable Applications for anti-CD42b antibody	FCM/FACS (Flow Cytometry)
Immunogen	Human plasma membrane
Workshop	IV P88
Preparation and Storage	Store at 2-8°C. Do not freeze!

ADDITIONAL INFORMATION

Related Product Information for anti-CD42b antibody	CD42b, also known as GPIb?, is a two-chain membrane glycoprotein that forms a noncovalent complex with CD42a (GPIX) on the surface of platelets and megakaryocytes. Binding of the GPIb/GPIX heterodimer to von Willebrand factor bound to exposed subendothelial surfaces is essential for platelet adhesion at sites of injury.
References	- Schlossman, S., L. Bloumsell, W. Gilks, J.M. Harlan, C. Kishimoto, J. Ritz, S. Shaw, R. Silverstein, T. Springer, T.F. Tedder, and R.F. Todd, eds. 1995. Leukocyte Typing V: White Cell Differentiation Antigens, Oxford University Press, Oxford. - Barclay, A.N., M.H. Brown, S.K.A. Law, A.J. McKnight, M.G. Tomlinson, and P.A. van der Merwe, eds. 1997. The Leukocyte Antigens Facts Book, 2nd Edition, CD42a, b Section, Academic Press, New York, p. 235. - Thorsen, L.I., G. Gaudernack, N. Hack, J.M. Wilkinson, F. Brosstad, N.O. Solum, and N. Crawford. 1988. Brit. J. Haematol. 68:67. - Hornby, E.J., S. Brown, J.M. Wilkinson, C. Mattock, and K.S. Authi. 1991. Brit. J. Haematol. 79:277. - Berndt, M.C., X.P. Du, and W.J. Booth. 1987. Biochemistry 27:633. - Roth, G.J. 1992. Immunol. Today 13:100.

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.