CD61 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD61, Monoclonal Antibody
Full Product Name	Mouse Anti-Human CD61-FITC
Product Synonym Names	Mouse Anti-Human CD61
Clonality	Monoclonal
Isotype	IgG1
Clone Number	PM6/13
Host	Mouse
Species Reactivity	Human
Form/Format	Fluorescein (FITC) Conjugate
Specificity	Human CD61 CD61 is the integrin beta3 subunit, a 105 kDa transmembrane glycoprotein expressed on platelets,megakaryocytes, and endothelial cells. Integrin beta3 associates with gpIIb (CD41) to form the CD41/CD61 complex that mediates platelet adhesion and aggregation. CD61 also associates with CD51 to form the alphaVbeta3 vitronectin receptor.1-5
Preparation and Storage	The fluorescein (FITC) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN3. Store at 2-8 degree C.
Characterization	To insure lot to lot consistency, each batch of product is tested by flow cytometry to conform with the characteristics of a standard reference reagent.
Warning	Reagents contain sodium azide which is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Applications Tested/Suitable for anti-CD61 antibody	Flow Cytometry, Immunohistochemistry (Frozen sections and Paraffin sections), Immunoprecipitation, Western Blot
Application Notes for anti-CD61 antibody	**Flow Cytometry:** 10 uL/10^6 cells
Related Product Information for anti-CD61 antibody	MBS670291 is an antibody targeting CD61. Also known as Mouse Anti-Human CD61-FITC. Reactive in Human. Host: Mouse.
Product References and Citations for anti-CD61 antibody	1. 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. 2. Kieffer, N., and D.R. Phillips. 1990. Annu, Rev. Cell. Biol. 6:34. 3. 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, CD61 Section, Academic Press, New York, p. 293. 4. Davies, J., J. Warwick, N. Totty, R. Philp, M. Helfrich, and M. Horton. 1989. J. Cell Biol. 109:1817. 5. Bray, P.F. 1994. Thromb. Haemost. 72:492.
Other Notes	Small volumes of anti-CD61 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD61. It may not necessarily be applicable to this product.

Protein Family	Integrin
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