

Monoclonal Antibody to Filamin - Supernatant

Alternate names:	FLNA, FN1, FN2, FN3, FNLB, FNLC
Catalog No.:	BM426S
Quantity:	2 ml
Host / Isotype:	Mouse / IgG1
Clone:	PM6/317
Immunogen:	Purified Human platelet plasma membrane. Spleen cells from immunised Balb/c mice were fused with cells of the mouse SP2/0 myeloma cell line.
Format:	State: Liquid Tissue Culture Supernatant Preservatives: 0.09% Sodium Azide
Applications:	Western Blotting. Immunofluorescence. Flow Cytometry: Use 10 µl of 1/5 diluted antibody to label 10 ⁶ cells in 100 µl. Membrane permeabilisation is required. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections: This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH6.0 is recommended for this purpose. Recommended Positive Control: Smooth muscle. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes both purified Filamin, and a 250kDa protein in cell lysates. Clone PM6/317 has also been reported to work on Western blotting . Species: Human, Guinea Pig, Pig. Other species not tested.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Aakhus AM, Wilkinson M, Pedersen TM, Solum NO. The use of PhastSystem crossed immunoelectrophoresis with immunoblotting to demonstrate a complex between glycoprotein Ib and the actin-binding protein (ABP) of human platelets. Electrophoresis. 1989 Nov;10(11):758-61. PubMed PMID: 2612476. 2. Xu Y, Bismar TA, Su J, Xu B, Kristiansen G, Varga Z, et al. Filamin A regulates focal adhesion disassembly and suppresses breast cancer cell migration and invasion. J Exp Med. 2010 Oct 25;207(11):2421-37. doi: 10.1084/jem.20100433. Epub 2010 Oct 11. PubMed PMID: 20937704.