

Filamin-binding LIM protein 1 Antibody

Mouse Monoclonal Antibody [Clone 43.9]

Catalog No	Format	Size
54751-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
54751-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
54751-MSM1-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	43.9
Immunogen	Recombinant human FBLIM1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	40.67kDa
Cellular Localization	Cell junction, Cytoplasm, Cytoskeleton, Focal adhesion, Stress fiber
Species Reactivity	Human
Positive Control	Isoform 1 and isoform 3 are expressed in heart, kidney, lung, pancreas, placenta and platelets

**Optimal dilution for a specific application should be determined.*

Product Images for Filamin-binding LIM protein 1 Antibody

Specificity & Comments

Serves as an anchoring site for cell-ECM adhesion proteins and filamin-containing actin filaments. Is implicated in cell shape modulation (spreading) and motility. May participate in the regulation of filamin-mediated cross-linking and stabilization of actin filaments. May also regulate the assembly of filamin-containing signaling complexes that control actin assembly. Promotes dissociation of FLNA from ITGB3 and ITGB7. Promotes activation of integrins and regulates integrin-mediated cell-cell adhesion.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.