

Mouse Monoclonal Antibody to SLINGSHOT-1L

Catalogue Number	sAP-1088
Target Molecule	Name: SLINGSHOT-1L Aliases: SSH1;SSH1L MW: 115.5kDa Entrez Gene ID: 54434
Description	The protein encoded by this gene belongs to the slingshot homolog (SSH) family of phosphatases, which regulate actin filament dynamics. The SSH proteins dephosphorylate and activate the actin binding/depolymerizing factor cofilin, which subsequently binds to actin filaments and stimulates their disassembly. Cofilin is inactivated by kinases such as LIM domain kinase-1 (LIMK1), which may also be dephosphorylated and inactivated by SSH proteins. The SSH family thus appears to play a role in actin dynamics by reactivating cofilin proteins. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.;
Immunogen	Synthesized peptide fragment of human SLINGSHOT-1L (AA: 1032-1044) expressed in E. Coli.
Reactive Species	Human;
Clone	MM1A5C8;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: ; IHC: ; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	Molecules. 2012 Dec 17;17(12):14975-94. ; Nan Fang Yi Ke Da Xue Xue Bao. 2011 Jun;31(6):928-32.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**