

## Mouse Monoclonal Antibody to ACTA2

<b>Catalogue Number</b>	sAP-0514
<b>Target Molecule</b>	<b>Name:</b> ACTA2 <b>Aliases:</b> AAT6; ACTSA; ACTA2 <b>MW:</b> 42kDa <b>Entrez Gene ID:</b> 59
<b>Description</b>	Actin, alpha 2, smooth muscle, aorta, major constituent of thin filaments.
<b>Immunogen</b>	Purified recombinant fragment of human ACTA2 expressed in E. Coli.
<b>Recitative Species</b>	Human; Monkey; Rat; Mouse
<b>Clone</b>	MM1H8;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Nat Genet. 2007 Dec;39(12):1488-93. ; 2. Virchows Arch. 2007 Dec;451(6):999-1007.

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**