

## Mouse Monoclonal Antibody to MEF2A

<b>Catalogue Number</b>	sAP-0875
<b>Target Molecule</b>	<p><b>Name:</b> MEF2A</p> <p><b>Aliases:</b> mef2; ADCAD1; RSRFC4; RSRFC9</p> <p><b>MW:</b> 54.8kDa</p> <p><b>Entrez Gene ID:</b> 4205</p>
<b>Description</b>	<p>The protein encoded by this gene is a DNA-binding transcription factor that activates many muscle-specific, growth factor-induced, and stress-induced genes. The encoded protein can act as a homodimer or as a heterodimer and is involved in several cellular processes, including muscle development, neuronal differentiation, cell growth control, and apoptosis. Defects in this gene could be a cause of autosomal dominant coronary artery disease 1 with myocardial infarction (ADCAD1). Several transcript variants encoding different isoforms have been found for this gene. ;</p>
<b>Immunogen</b>	Purified recombinant fragment of human MEF2A (AA: 391-497) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM2F9H2;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% 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
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Cell Biochem Funct. 2012 Mar;30(2):108-13. ; 2. Circ Cardiovasc Genet. 2009 Apr;2(2):165-72. ;

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**