

## Mouse Monoclonal Antibody to PON1

<b>Catalogue Number</b>	sAP-0865
<b>Target Molecule</b>	<p><b>Name:</b> PON1</p> <p><b>Aliases:</b> ESA; PON; MVCD5</p> <p><b>MW:</b> 39.7kDa</p> <p><b>Entrez Gene ID:</b> 5444</p>
<b>Description</b>	<p>The enzyme encoded by this gene is an arylesterase that mainly hydrolyzes paroxon to produce p-nitrophenol. Paroxon is an organophosphorus anticholinesterase compound that is produced in vivo by oxidation of the insecticide parathion. Polymorphisms in this gene are a risk factor in coronary artery disease. The gene is found in a cluster of three related paraoxonase genes at 7q21.3. ; ;</p>
<b>Immunogen</b>	Purified recombinant fragment of human PON1 (AA: 20-155) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM4G8A12;
<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; IHC: 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. Redox Rep. 2012;17(5):214-8. ; 2. Cancer Epidemiol. 2012 Apr;36(2):e101-3. ;

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**