

Mouse Monoclonal Antibody to PON1

Catalogue Number	sAP-0865
Target Molecule	Name: PON1 Aliases: ESA; PON; MVCD5 MW: 39.7kDa Entrez Gene ID: 5444
Description	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. ; ; ;
Immunogen	Purified recombinant fragment of human PON1 (AA: 20-155) expressed in E. Coli.
Reactive Species	Human;
Clone	MM4G8A12;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% 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: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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 end users! This product is sold for **Research Use Only**