Product Name: **PON1 Mouse Monoclonal Antibody**
Catalog #: **AMM81280**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	39.7kDa

Antigen Information

Gene Name	PON1
Alternative Names	ESA; PON; MVCD5
Gene ID	5444.0
SwissProt ID	P27169
Immunogen	Purified recombinant fragment of human PON1 (AA: 20-155) expressed in E. Coli.

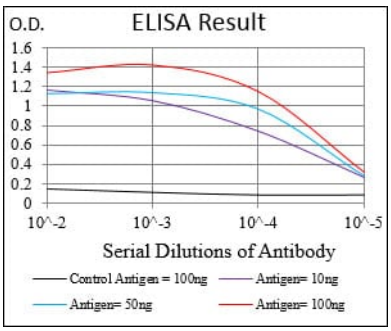
Background

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

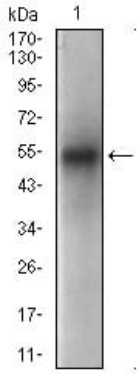
paraoxonase genes at 7q21.3.

Research Area

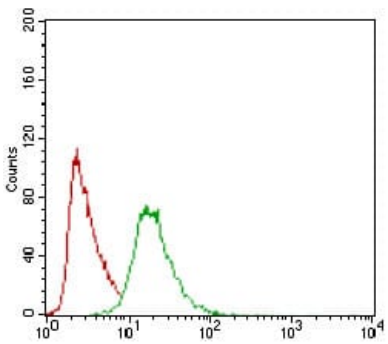
Image Data



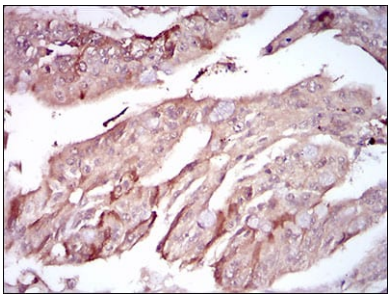
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



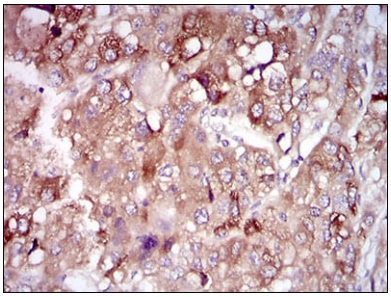
Western blot analysis using PON1 mouse mAb against human plasma cell lysate.



Flow cytometric analysis of Hela cells using PON1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using PON1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using PON1 mouse mAb with DAB staining.