
Product Name: PON1 Rabbit Monoclonal Antibody**Catalog #: AMRe87291**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:100-1:200
Molecular Weight	Calculated MW:40 kDa; Observed MW:40 kDa

Antigen Information

Gene Name	PON1
Alternative Names	ESA; PON; MVCD5
Gene ID	5444
SwissProt ID	P27169
Immunogen	A synthetic peptide of human PON1

Background

This gene encodes a member of the paraoxonase family of enzymes and exhibits lactonase and ester hydrolase activity. Following synthesis in the kidney and liver, the enzyme is secreted into the circulation, where it binds to high density

lipoprotein (HDL) particles and hydrolyzes thiolactones and xenobiotics, including paraoxon, a metabolite of the insecticide parathion. Polymorphisms in this gene may be associated with coronary artery disease and diabetic retinopathy. The gene is found in a cluster of three related paraoxonase genes on chromosome 7. [provided by RefSeq, Aug 2017]

Research Area

Image Data

Human plasma

kDa
180 -
100 -
70 -
55 -
40 - ←
35 -
25 -

Western blot analysis of extracts from Human plasma tissue using PON1 Rabbit Monoclonal Antibody at 1:1000.