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Anti-PON1 Antibody Picoband™ (monoclonal, 11H2)

Catalog # ABO14346

Product Information

Application	E
Primary Accession	P52430
Host	Mouse
Isotype	Mouse IgG2a
Reactivity	Rat, Mouse
Clonality	Monoclonal
Format	Lyophilized
Description	Anti-PON1 Antibody Picoband™ (monoclonal, 11H2) . Tested in ELISA applications. This antibody reacts with Mouse, Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	18979
Other Names	Serum paraoxonase/arylesterase 1, PON 1, 3.1.1.2, 3.1.1.81, 3.1.8.1, Aromatic esterase 1, A-esterase 1, Serum aryldialkylphosphatase 1, Pon1, Pon
Calculated MW	39565
Application Details	ELISA (Cap), 1-5 □g/ml
Subcellular Localization	Secreted, extracellular space.
Tissue Specificity	Plasma, liver, kidney, heart, brain, small intestine and lung. In the plasma, associated with HDL.
Source	Eukaryota
Contents	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Clone Names	Clone: 11H2
Immunogen	E. coli-derived mouse PON1 recombinant protein (Position: A30-D274).
Cross Reactivity	No cross-reactivity with other proteins.
Storage	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.

Protein Information

Name	Pon1
Synonyms	Pon
Function	Hydrolyzes the toxic metabolites of a variety of organophosphorus insecticides. Capable of hydrolyzing a broad spectrum of organophosphate substrates and lactones, and a number of aromatic carboxylic acid esters. Mediates an enzymatic protection of low density lipoproteins against oxidative modification.
Cellular Location	Secreted, extracellular space.
Tissue Location	Plasma, liver, kidney, heart, brain, small intestine and lung. In the plasma, associated with HDL

Images

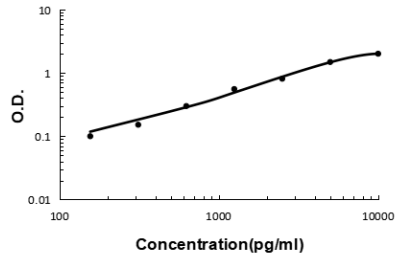

Figure 1. Sandwich ELISA - Recombinant mouse PON1 protein standard curve.
Use in combination with reagents from Mouse PON1 ELISA Kit EZ-Set (DIY Antibody Pairs) (EZ1621).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.