

Product datasheet for **CF807428**

PON3 Mouse Monoclonal Antibody [Clone ID: OTI5B5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5B5
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 30-319 of human PON3(NP_000931) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	39.4 kDa
Gene Name:	paraoxonase 3
Database Link:	NP_000931 Entrez Gene 5446 Human Q15166



[View online »](#)

Background:

This gene is a member of the paraoxonase family and lies in a cluster on chromosome 7 with the other two family members. The encoded protein is secreted into the bloodstream and associates with high-density lipoprotein (HDL). The protein also rapidly hydrolyzes lactones and can inhibit the oxidation of low-density lipoprotein (LDL), a function that is believed to slow the initiation and progression of atherosclerosis. Alternatively spliced variants which encode different protein isoforms have been described; however, only one has been fully characterized. [provided by RefSeq, Jul 2008]

Synonyms:

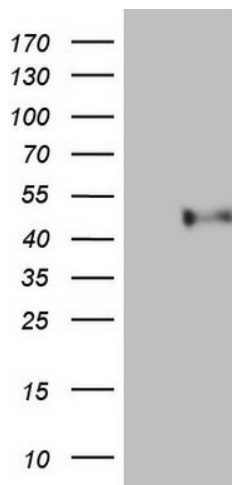
lactonase 3; paraoxanase-3; paraoxonase 3; serum paraoxonase

Protein Families:

Secreted Protein, Transmembrane

Protein Pathways:

Metabolic pathways

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PON3 ([RC210019], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PON3. Positive lysates [LY400339] (100ug) and [LC400339] (20ug) can be purchased separately from OriGene.