10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PON3 Antibody (clone 5G11)

Mouse Monoclonal Antibody
Catalog # ALS14840

Specification

PON3 Antibody (clone 5G11) - Product Information

Application	**WB, IHC**
Primary Accession	Q15166
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**40kDa KDa**

PON3 Antibody (clone 5G11) - Additional Information

Gene ID 5446

Other Names
Serum paraoxonase/lactonase 3, 3.1.1.2, 3.1.1.81, 3.1.8.1, PON3

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
PON3 Antibody (clone 5G11) is for research use only and not for use in diagnostic or therapeutic procedures.

PON3 Antibody (clone 5G11) - Protein Information

Name PON3

Function
Has low activity towards the organophosphate paraxon and aromatic carboxylic acid esters. Rapidly hydrolyzes lactones such as statin prodrugs (e.g. lovastatin). Hydrolyzes aromatic lactones and 5- or 6-member ring lactones with aliphatic substituents but not simple lactones or those with polar substituents.

Cellular Location
Secreted, extracellular space.

Volume
50 µl

PON3 Antibody (clone 5G11) - Protocols

Provided below are standard protocols that you may find useful for product applications.

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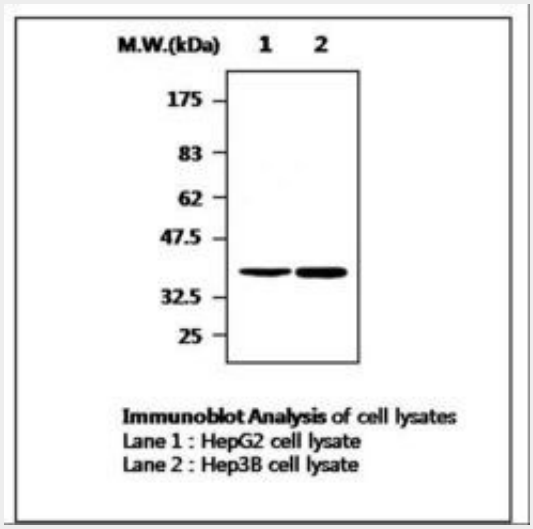
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PON3 Antibody (clone 5G11) - Images



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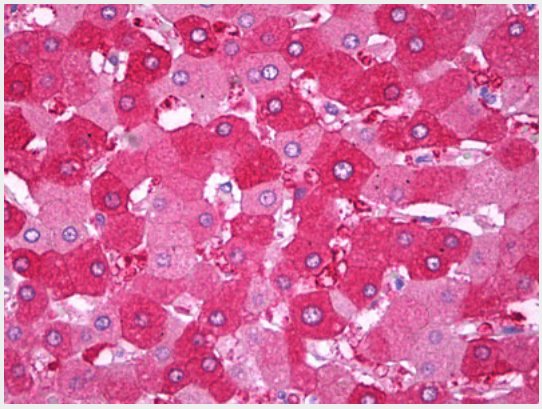

Anti-PON3 antibody IHC of human liver.

PON3 Antibody (clone 5G11) - Background

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PON3 Antibody (clone 5G11) - References

Reddy S.T.,et al.Submitted (NOV-2000) to the EMBL/GenBank/DDBJ databases.
Draganov D.I.,et al.Submitted (DEC-2000) to the EMBL/GenBank/DDBJ databases.

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Scherer S.W.,et al.Science 300:767-772(2003).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 424:157-164(2003).