

Product datasheet

Anti-PON3 antibody [EPR2902(2)] ab108964

Recombinant RabMAb

2 Images

Overview

Product name	Anti-PON3 antibody [EPR2902(2)]
Description	Rabbit monoclonal [EPR2902(2)] to PON3
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal liver, A549, HepG2, Mouse kidney, and Mouse liver lysates
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number EPR2902(2)

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab108964 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 40 kDa (predicted molecular weight: 40 kDa).

Application notes Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

Target

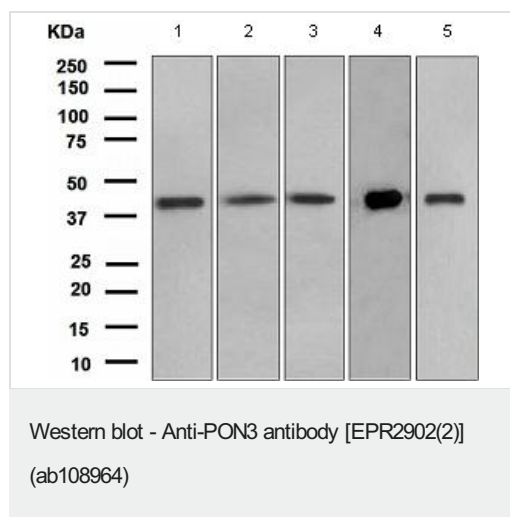
Function Has low activity towards the organophosphate paraoxon and aromatic carboxylic acid esters. Rapidly hydrolyzes lactones such as statin prodrugs (e.g. lovastatin). Hydrolyzes aromatic lactones and 5- or 6-member ring lactones with aliphatic substituents but not simple lactones or those with polar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

Sequence similarities Belongs to the paraoxonase family.

Post-translational modifications The signal sequence is not cleaved.

Cellular localization Secreted > extracellular space.

Images



All lanes : Anti-PON3 antibody [EPR2902(2)] (ab108964) at 1/1000 dilution

Lane 1 : Human fetal liver lysate
Lane 2 : A549 lysate
Lane 3 : HepG2 lysate
Lane 4 : Mouse kidney lysate
Lane 5 : Mouse liver lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 40 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-PON3 antibody [EPR2902(2)] (ab108964)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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