Overview

Product name: Anti-LDL (MDA oxidized) [5D8] antibody
Description: Mouse monoclonal [5D8] to LDL (MDA oxidized)
Host species: Mouse
Tested applications: Suitable for: WB, ELISA
Species reactivity: Reacts with: Human
Immunogen: Low-density lipoprotein purified from human plasma and oxidized with malondialdehyde (MDA).

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer: pH: 7.40
Preservative: 0.097% Sodium azide
Constituents: 0.0268% PBS, 2.9% Sodium chloride
Purity: Protein G purified
Purification notes: Protein A/G purified
Clonality: Monoclonal
Clone number: 5D8
Myeloma: x63-Ag8.653
Isotype: IgG1
Light chain type: lambda

Applications

Our Abpromise guarantee covers the use of ab17591 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tr>
<td>WB</td>
<td></td>
<td>Use at an assay dependent dilution.</td>
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## Relevant

**Low-density lipoprotein (LDL)** is the carrier protein for cholesterol in the blood. LDL binds to its receptor on the capillary walls and thereby mediates the uptake and clearance of cholesterol from the circulation. In atherosclerotic lesions oxidatively modified LDL is found and oxidized LDL is specifically recognized and ingested by macrophages via scavenger receptor A and CD36. Oxidized LDL may be a marker of atherosclerosis but the precise changes in oxidized LDL are not well described. MDA-oxidized LDL appear to be different from LDL oxidized by other means.

## Cellular localization

**Secreted**

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**Target**

**Relevance**

All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"