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Datasheet for ABIN1399810  
**anti-OxLDL antibody (Alexa Fluor 488)**

### Overview

Quantity:	100 µL
Target:	OxLDL
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OxLDL antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	Cu <sup>2+</sup> oxidized low density lipoprotein
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	Purified by Protein A.

### Target Details

Target:	OxLDL
Alternative Name:	Ox-LDL ( <a href="#">OxLDL Products</a> )
Background:	<p>Synonyms: ox-LDL: Cu<sub>2</sub>SO<sub>4</sub> oxidized low density lipoprotein, oxidized low density lipoprotein, Low density lipoprotein, MDA oxidized LDL, MDA oxidized low density lipoprotein.</p> <p>Background: 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</p>

## Target Details

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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. Low-density lipoprotein oxidised with Cu<sub>2</sub>SO<sub>4</sub>.

## Application Details

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Application Notes: IF(IHC-P)(1:50-200)

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months