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Datasheet for ABIN1399811
anti-OxLDL antibody (AbBy Fluor® 555)

Overview

Quantity:	100 µL
Target:	OxLDL
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OxLDL antibody is conjugated to AbBy Fluor® 555
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

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

Target Details

Target:	OxLDL
Alternative Name:	Ox-LDL (OxLDL Products)
Background:	<p>Synonyms: ox-LDL: Cu₂SO₄ 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

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 Cu₂SO₄.

Application Details

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

Restrictions: For Research Use only

Handling

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