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Datasheet for ABIN5008099

anti-OxLDL antibody (Alexa Fluor 680)

Overview

| | |
|--------------|---|
| Quantity: | 100 µL |
| Target: | OxLDL |
| Reactivity: | Mouse, Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This OxLDL antibody is conjugated to Alexa Fluor 680 |
| Application: | Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)) |

Product Details

| | |
|-------------------|------------------------------------|
| Immunogen: | Full length plasma protein (Human) |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | OxLDL |
| Alternative Name: | ox-LDL (OxLDL Products) |
| Background: | Synonyms: ox-LDL: Cu2SO4 oxidized low density lipoprotein, oxidized low density lipoprotein, Low density lipoprotein, MDA oxidized LDL, MDA oxidized low density lipoprotein. Background: Low-density lipoprotein (LDL) is the carrier protein for cholesterol in the blood. LDL |

Target Details

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. Low-density lipoprotein oxidised with Cu2SO4.

Application Details

Application Notes: FCM 1:20-100
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 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: ProClin

Precaution of Use: This product contains ProClin: 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