Antibodies

Data Sheet

HUMAN CU^{2+}-OXIDIZED LOW DENSITY LIPOPROTEIN (CU^{2+}-OX-LDL)

ANTIBODY, POLYCLONAL



Figure 1: Immunohistochemistry image of oxidized low density lipoprotein staining in paraffin sections of human knee joint synovial membrane. The section was incubated with AT 1002 (1:500) and detected using avidin-biotin-horseradish peroxidase technique (Dako). Light counterstaining with Harris's haematoxylin was performed. **A.** AT 1002 stains perivascular macrophages within the intima from a patient with rheumatoid arthritis.

Winyard PG et al. (1993) Annals of the Rheumatic Diseases 52: 677-680

Catalog no.:	AT1002.1 / AT1002.2
Immunogen:	Human Cu^{2+}-oxidized LDL
Host:	Rabbit
Matrix:	Serum
Specificity:	Human and murine Cu^{2+}-oxidized LDL. The antiserum shows strong reactivity to fully oxidized modifications of LDL including Cu $^{2+}$-oxidized LDL, MDA-LDL, HOCL-LDL, but not to other oxidized proteins like MDA-HSA, MDA-HDL, HOCL-HSA, HOCL-HDL (below detection limit). The reaction to native LDL was weak, but clearly detectable (approx. 20%). Minimally oxidized LDL gave a strong binding signal (> 80%)
Contents:	20 µl / 100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
Known applications:	ELISA and related methods (1:500-1: 5.000)[1]; immunohistochemistry (paraffin sections, <1:500; cryosections, 1:400-2000)[1, 2, 3, 4, 5, 6, 7] This antibody has not been tested for use in all applications. This does not necessarily exclude its use in non-tested procedures. The stated dilutions are recommendations only. End users should determine optimal dilutions in their system using appropriate negative/positive controls.
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided

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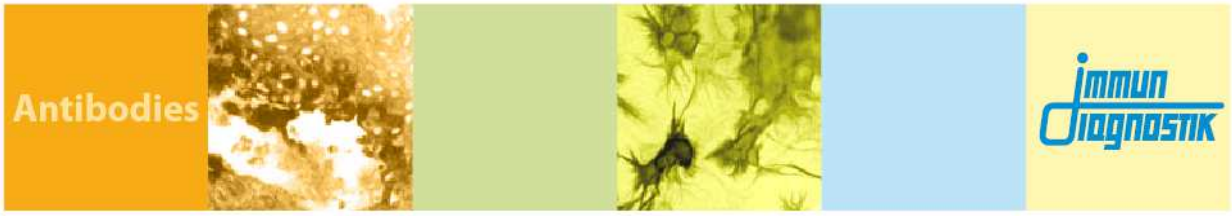

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For research use only

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