10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

OLR1 Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a full length recombinant OLR1.
Catalog # AT3147a

Specification

OLR1 Antibody (monoclonal) (M08) - Product Information

Application	**E**
Primary Accession	P78380
Other Accession	BC022295
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**30959**

OLR1 Antibody (monoclonal) (M08) - Additional Information

Gene ID 4973

Other Names
Oxidized low-density lipoprotein receptor 1, Ox-LDL receptor 1, C-type lectin domain family 8 member A, Lectin-like oxidized LDL receptor 1, LOX-1, Lectin-like oxLDL receptor 1, hLOX-1, Lectin-type oxidized LDL receptor 1, Oxidized low-density lipoprotein receptor 1, soluble form, OLR1, CLEC8A, LOX1

Target/Specificity
OLR1 (AAH22295, 1 a.a. ~ 273 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
OLR1 Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

OLR1 Antibody (monoclonal) (M08) - Protocols

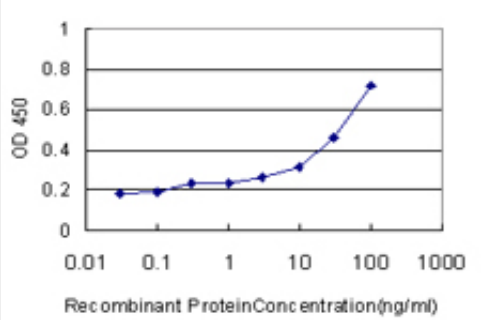
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

OLR1 Antibody (monoclonal) (M08) - Images



Detection limit for recombinant GST tagged OLR1 is approximately 3ng/ml as a capture antibody.

OLR1 Antibody (monoclonal) (M08) - Background

This gene encodes a low density lipoprotein receptor that belongs to the C-type lectin superfamily. This gene is regulated through the cyclic AMP signaling pathway. The encoded protein binds, internalizes and degrades oxidized low-density lipoprotein. This protein may be involved in the regulation of Fas-induced apoptosis. This protein may play a role as a scavenger receptor. Mutations of this gene have been associated with atherosclerosis, risk of myocardial infarction, and may modify the risk of Alzheimer's disease. Alternate splicing results in multiple transcript variants.

OLR1 Antibody (monoclonal) (M08) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Genetic polymorphisms of Chinese patients with ischemic stroke and concurrent stenoses of extracranial and intracranial vessels. Man BL, et al. J Clin Neurosci, 2010 Oct. PMID 20615707.Physiogenomic analysis of statin-treated patients: domain-specific counter effects within the ACACB gene on low-density lipoprotein cholesterol? Rua?o G, et al. Pharmacogenomics, 2010 Jul. PMID 20602615.Common polymorphisms in ITGA2, PON1 and THBS2 are associated with coronary atherosclerosis in a candidate gene association study of the Chinese Han population. Wang Y, et al. J Hum Genet, 2010 Aug. PMID 20485444.Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.