

## **OLR1 Antibody (monoclonal) (M08)**

Mouse monoclonal antibody raised against a full length recombinant OLR1.

Catalog # AT3147a

### **Specification**

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#### **OLR1 Antibody (monoclonal) (M08) - Product Information**

Application	E
Primary Accession	<a href="#">P78380</a>
Other Accession	<a href="#">BC022295</a>
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.

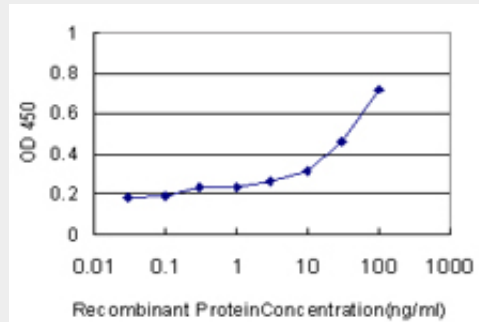
#### **OLR1 Antibody (monoclonal) (M08) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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 Thiazolidinedione-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.