

OLR1 monoclonal antibody, clone LOX19-22

Catalog # MAB3037

Size 200 ug

Specification

Product Description	Mouse monoclonal antibody raised against recombinant OLR1.
Immunogen	Recombinant protein corresponding to human OLR1.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — OLR1

Entrez GeneID [4973](#)

Gene Name OLR1

Gene Alias	CLEC8A, LOX1, SCARE1
Gene Description	oxidized low density lipoprotein (lectin-like) receptor 1
Omim ID	602601
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a receptor protein which 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. Alternative transcript variants have been described but their full-length sequence has not been determined. [provided by RefSeq]
Other Designations	lectin-type oxidized LDL receptor 1 oxidised low density lipoprotein (lectin-like) receptor 1 scavenger receptor class E, member 1

Pathway

- [PPAR signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Stenosis](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Myocardial Infarction](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Stroke](#)
- [Thrombosis](#)
- [Tobacco Use Disorder](#)
- [Werner syndrome](#)