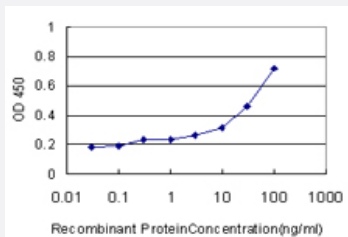


OLR1 monoclonal antibody (M08), clone 2C9

Catalog # H00004973-M08

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

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

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant OLR1.
Immunogen	OLR1 (AAH22295, 1 a.a. ~ 273 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTFDDLKIQTVDKQPDDEKSNKKAKGLQFLYSPWWCLAAATLGVLCLGLVVTIMVLGMQLSQVS DLLTQEQANLTHQKKKLEGQISARQQAEEASQSENELKEMIETLARKLNEKSKEQMELHHQNLN LQETLKRVANCSAPCPQDWWHGENCYLFSSGSFNWEKSQEKCLSLDAKLLKINSTADLDFIQQ AISYSSFPFWMGLSRRNPSYPWLWEDGSPLMPHLFRVRGAVSQTYPSTGTCAYIQRGAVYAENCIL AAFSICQKKANLRAQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (44); Rat (50)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

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

Applications

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — OLR1

Entrez GeneID [4973](#)**GeneBank Accession#** [BC022295](#)**Protein Accession#** [AAH22295](#)**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](#)