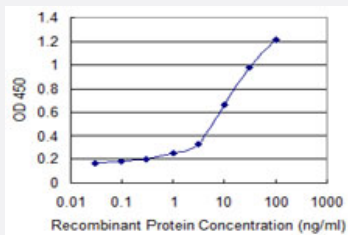


ADIPOR1 monoclonal antibody (M01), clone 2C8

Catalog # H00051094-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ADIPOR1 is 0.3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ADIPOR1.
Immunogen	ADIPOR1 (NP_057083.2, 72 a.a. ~ 136 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	QAHHAMEKMEEFVYKVVWEGRWVIPYDVLDPDWLKDNDYLLHGRPPMPSFRACFKSIFRIHTETG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (97)
Isotype	IgG2b 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 ADIPOR1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ADIPOR1

Entrez GeneID [51094](#)

GeneBank Accession# [NM_015999](#)

Protein Accession# [NP_057083.2](#)

Gene Name ADIPOR1

Gene Alias ACDCR1, CGI45, CGI45, FLJ25385, FLJ42464, PAQR1, TESBP1A

Gene Description adiponectin receptor 1

Omim ID [607945](#)

Gene Ontology [Hyperlink](#)

Gene Summary The adiponectin receptors, ADIPOR1 and ADIPOR2 (MIM 607946), serve as receptors for globular and full-length adiponectin (MIM 605441) and mediate increased AMPK (see MIM 602739) and PPAR-alpha (PPARA; MIM 170998) ligand activities, as well as fatty acid oxidation and glucose uptake by adiponectin (Yamauchi et al., 2003 [PubMed 12802337]).[supplied by OMIM]

Other Designations OTTHUMP00000038805

Pathway

- [Adipocytokine signaling pathway](#)

Disease

- [Alzheimer disease](#)

- [Atherosclerosis](#)
- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cellulitis](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Fatty Liver](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Hypertension](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Liver Diseases](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)