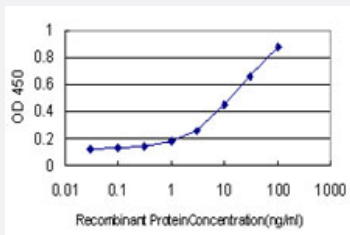


ODZ1 monoclonal antibody (M01), clone 3G8

Catalog # H00010178-M01

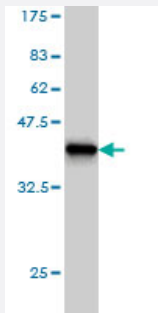
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ODZ1 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ODZ1.
Immunogen	ODZ1 (NP_055068, 2616 a.a. ~ 2725 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TRRFADIQLQHGA LCFNIRYGTTVEEEKNHVLEIARQRAVAQAWTKEQRRLQEGEEGIRAWTEGEKQQLSTGRVQGYDGYFVLSVEQYLELSDSANNIHFMRQSEIGRR
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (95)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ODZ1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ODZ1

Entrez GeneID	10178
GeneBank Accession#	NM_014253
Protein Accession#	NP_055068
Gene Name	ODZ1
Gene Alias	ODZ3, TEN-M1, TNM, TNM1
Gene Description	odz, odd Oz/ten-m homolog 1(Drosophila)
Omim ID	300588
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene belongs to the tenascin family and teneurin subfamily. It is expressed in the neurons and may function as a cellular signal transducer. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000024333|OTTHUMP00000062724|odz (odd Oz/ten-m, Drosophila) homolog 1|odz (odd Oz/ten-m, Drosophila) homolog 3|odz, odd Oz/ten-m homolog 1|tenascin M|teneurin-1

Publication Reference

- [C-terminal region of teneurin-1 co-localizes with the dystroglycan complex in adult mouse testes and regulates testicular size and testosterone production.](#)

Chand D, Colacci M, Dixon K, Kollara A, Brown TJ, Lovejoy DA.

Histochemistry and Cell Biology 2014 Feb; 141(2):191.

Application: IF, Mouse, Testis

- [C-terminal processing of the teneurin proteins: independent actions of a teneurin C-terminal associated peptide in hippocampal cells.](#)

Chand D, Casatti CA, de Lannoy L, Song L, Kollara A, Barsyte-Lovejoy D, Brown TJ, Lovejoy DA.

Molecular and Cellular Neurosciences 2013 Jan; 52:38.

Application: IF, IHC-P, WB-Ti, Mouse, Brains, E14 hippocampal cells