

ODZ1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant ODZ1.****Catalog # AT3146a****Specification**

ODZ1 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O9UKZ4
Other Accession	NM_014253
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	305011

ODZ1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 10178**Other Names**

Teneurin-1, Ten-1, Protein Odd Oz/ten-m homolog 1, Tenascin-M1, Ten-m1, Teneurin transmembrane protein 1, Ten-1 intracellular domain, IDten-1, Ten-1 ICD, Teneurin C-terminal-associated peptide, TCPA-1, Ten-1 extracellular domain, Ten-1 ECD, TENM1, ODZ1, TNM1

Target/Specificity

ODZ1 (NP_055068, 2616 a.a. ~ 2725 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

ODZ1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

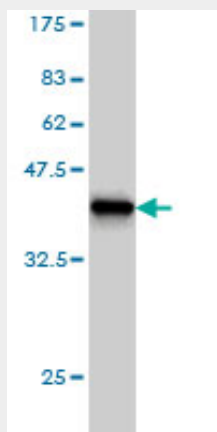
ODZ1 Antibody (monoclonal) (M01) - Protocols

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

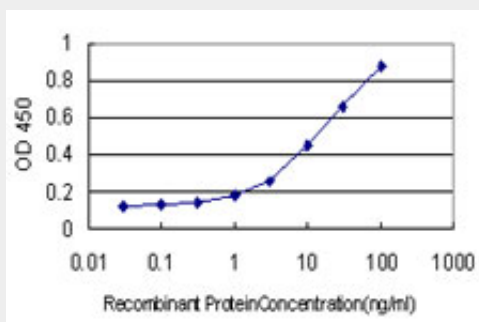
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ODZ1 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .



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

ODZ1 Antibody (monoclonal) (M01) - Background

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.

ODZ1 Antibody (monoclonal) (M01) - References

1.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.Histochem Cell Biol. 2013 Oct 24.2.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.Mol Cell Neurosci. 2012 Sep 28. pii: S1044-7431(12)00182-0. doi: 10.1016/j.mcn.2012.09.006.