

VGLL1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant VGLL1.****Catalog # AT4510a****Specification**

VGLL1 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	Q99990
Other Accession	NM_016267
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	28707

VGLL1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 51442**Other Names**

Transcription cofactor vestigial-like protein 1, Vgl-1, Protein TONDU, VGLL1, TDU

Target/Specificity

VGLL1 (NP_057351.1, 1 a.a. ~ 100 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

VGLL1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

VGLL1 Antibody (monoclonal) (M01) - Protocols

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

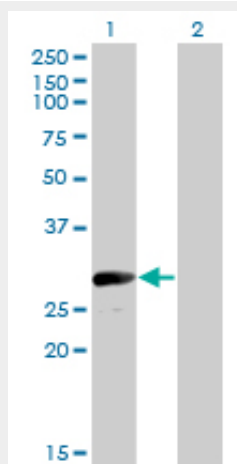
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

VGLL1 Antibody (monoclonal) (M01) - Images



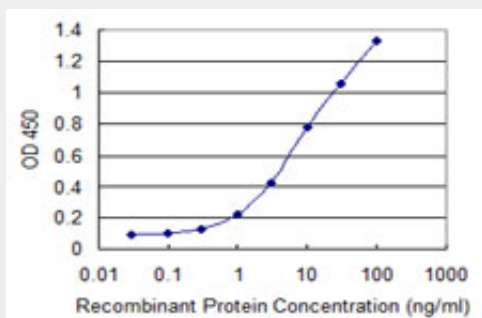
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .



Western Blot analysis of VGLL1 expression in transfected 293T cell line by VGLL1 monoclonal antibody (M01), clone 3C7.

Lane 1: VGLL1 transfected lysate (28.7 kDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged VGLL1 is 0.1 ng/ml as a capture antibody.

VGLL1 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene binds proteins of the TEA domain family of transcription factors (TEFs) through the Vg (vestigial) homology region found in its N-terminus. It may thus function as a specific coactivator for the mammalian TEFs.

VGLL1 Antibody (monoclonal) (M01) - References

The DNA sequence of the human X chromosome. Ross MT, et al. Nature, 2005 Mar 17. PMID 15772651. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. TONDU (TDU), a novel human protein related to the product of vestigial (vg) gene of *Drosophila melanogaster* interacts with vertebrate TEF factors and substitutes for Vg function in wing formation. Vaudin P, et al. Development, 1999 Nov. PMID 10518497.