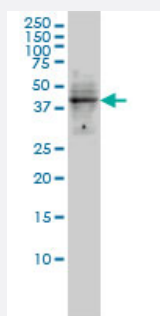


DMRT1 monoclonal antibody (M01), clone 1G11

Catalog # H00001761-M01

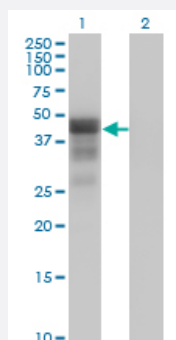
Size 100 ug

Applications



Western Blot (Cell lysate)

DMRT1 monoclonal antibody (M01), clone 1G11 Western Blot analysis of DMRT1 expression in HL-60 (Cat # L014V1).

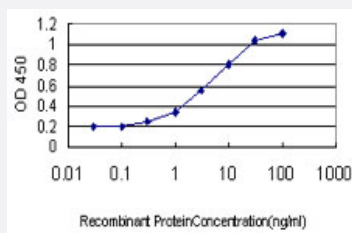


Western Blot (Transfected lysate)

Western Blot analysis of DMRT1 expression in transfected 293T cell line by DMRT1 monoclonal antibody (M01), clone 1G11.

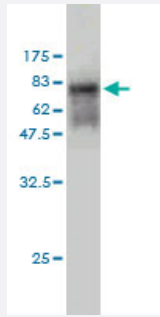
Lane 1: DMRT1 transfected lysate(39.5 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DMRT1 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (66.77 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant DMRT1.
Immunogen	DMRT1 (AAH40847.1, 1 a.a. ~ 373 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPNDEAFSKPSTPSEAPHAPGVPPQGRAGGFGKASGALVGAASGSSAGGSSRGGGSGSGAS DLGAGSKKSPRLPKCARCRNHGYASPLKGHKRFCMWRDCQCKKCNLIAERQVRMAAQVALRR QQAQEEELGISHPIPLPSAAELLVKRENNGSNPCLMTECSGTSQPPPASVPTTAASEGRMVIQDIP AVTSRGHVENTPDLVSDSTYYSSFYQPSLFYNNLYNCPQYSMALAADSASGEVGNPLGGSPV KNSLRGLPGPYVPGQTGNQWQMKNMENRHAMSSQYRMHSYPPPSYLGQSV PQFFTFEDAPSY PEARASVFSPSSQDSGLVSLSSSPISNKSTKAVLECEPASEPSSFTVTPVIEEDE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (80)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (66.77 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 (Cell lysate)

DMRT1 monoclonal antibody (M01), clone 1G11 Western Blot analysis of DMRT1 expression in HL-60 (Cat # L014V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of DMRT1 expression in transfected 293T cell line by DMRT1 monoclonal antibody (M01), clone 1G11.

Lane 1: DMRT1 transfected lysate(39.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DMRT1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DMRT1

Entrez GeneID [1761](#)

GeneBank Accession# [BC040847](#)

Protein Accession# [AAH40847.1](#)

Gene Name DMRT1

Gene Alias DMT1

Gene Description doublesex and mab-3 related transcription factor 1

Omim ID [602424](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is found in a cluster with two other members of the gene family, having in common a zinc finger-like DNA-binding motif (DM domain). The DM domain is an ancient, conserved component of the vertebrate sex-determining pathway that is also a key regulator of male development in flies and nematodes. This gene exhibits a gonad-specific and sexually dimorphic expression pattern. Defective testicular development and XY feminization occur when this gene is hemizygous. [provided by RefSeq]

Other Designations DM domain expressed in testis 1|OTTHUMP00000020961

Disease

- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Testicular Neoplasms](#)
- [Tobacco Use Disorder](#)