

# DMRT1 rabbit monoclonal antibody

Catalog # H00001761-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human DMRT1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human DMRT1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human DMRT1 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — DMRT1

Entrez GeneID	<a href="#">1761</a>
GeneBank Accession#	<a href="#">DMRT1</a>
Gene Name	DMRT1
Gene Alias	DMT1
Gene Description	doublesex and mab-3 related transcription factor 1
Omim ID	<a href="#">602424</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)