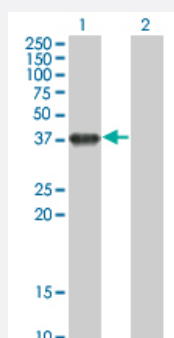


# BOLL monoclonal antibody (M01), clone 1F3

Catalog # H00066037-M01

Size 100 ug

## Applications

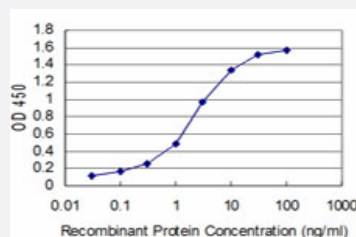


### Western Blot (Transfected lysate)

Western Blot analysis of BOLL expression in transfected 293T cell line by BOLL monoclonal antibody (M01), clone 1F3.

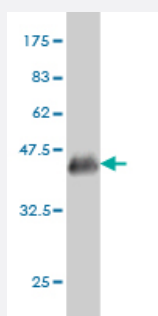
Lane 1: BOLL transfected lysate (31.301 KDa).

Lane 2: Non-transfected lysate.



### Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (36.63 KDa).

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant BOLL.

<b>Immunogen</b>	BOLL (NP_149019, 185 a.a. ~ 283 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	ATTQYLPQQWQWSVPQPSASSAPFLYLQPSEVIYQPVEIAQDGGCVPPPLSLMETSVPEPYSDH GVQATYHQVYAPSAITMPAPVMQPEPIKTVWSIHY
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (92); Rat (92)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
<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.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of BOLL expression in transfected 293T cell line by BOLL monoclonal antibody (M01), clone 1F3.

Lane 1: BOLL transfected lysate(31.301 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

## Gene Info — BOLL

Entrez GeneID	<a href="#">66037</a>
GeneBank Accession#	<a href="#">NM_033030</a>
Protein Accession#	<a href="#">NP_149019</a>
Gene Name	BOLL
Gene Alias	-
Gene Description	bol, boule-like (Drosophila)
Omim ID	<a href="#">606165</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene belongs to the DAZ gene family required for germ cell development. It encodes an RNA-binding protein which is more similar to Drosophila Boule than to human proteins encoded by genes DAZ (deleted in azoospermia) or DAZL (deleted in azoospermia-like). Loss of this gene function results in the absence of sperm in semen (azoospermia). Histological studies demonstrated that the primary defect is at the meiotic G2/M transition. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]</p>
Other Designations	boule

## Disease

- [Azoospermia](#)
- [Infertility](#)
- [Oligospermia](#)