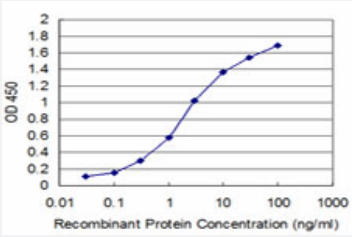
BOLL monoclonal antibody (M08), clone 5H8

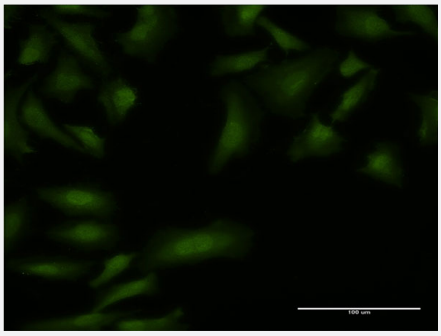
Catalog # H00066037-M08 Size 100 ug

Applications



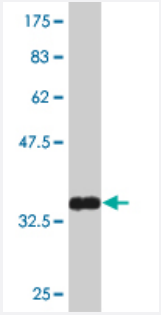
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

Immunofluorescence of monoclonal antibody to BOLL on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant BOLL.

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

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to BOLL on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — BOLL

Entrez GeneID	66037
GeneBank Accession#	NM_033030

Protein Accession#	NP_149019
Gene Name	BOLL
Gene Alias	-
Gene Description	bol, boule-like (Drosophila)
Omim ID	606165
Gene Ontology	Hyperlink
Gene Summary	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 ge nes DAZ (deleted in azoospermia) or DAZL (deleted in azoospermia-like). Loss of this gene funct ion results in the absence of sperm in semen (azoospermia). Histological studies demonstrated t hat the primary defect is at the meiotic G2/M transition. Two alternatively spliced transcript variant s encoding distinct isoforms have been found for this gene. [provided by RefSeq
Other Designations	boule

Disease

- Azoospermia
- Infertility
- Oligospermia