

# CABYR mouse monoclonal antibody (hybridoma)

Catalog # H00026256-M

Size Up to 5 Clones

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full-length recombinant CABYR.
<b>Immunogen</b>	CABYR (NP_619585.1, 1 a.a. ~ 379 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MISSKPRLVVPYGLKTLLEGISRAVLKTNPSNINQFAAAFYQELTMYRGNTTMDIKDLVKQFHQIKVE KWSEGTPQKKLECLKEPGKTSVESKVPTQMEKSTDDEDNVTRTEYSDKTTQFPSVYAVPGTE QTEAVGGLSSKPATPKTTTPSSPPPTAVSPEFAYVPADPAQLAAQMLAMATSERGQPPPCSN MWTLYCLTDKNQQGHPSPPPAPGPFQATLYLPNPKDPQFQQHPPKVTFTPTVMGDTKKTSAP PFILVGSNVQEAQGWKPLPGHAVVSQSDVLRVAMQVPIAVPADEKYQKHTLSPQANANPPSGQ DVPRPKSPVFLSVAFPVEDVAKKSSGSGDKCAPFGSYGIAGEVTVTTAHKRRKAETEN
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (67); Rat (68)
<b>Quality Control Testing</b>	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
<b>Deliverables</b>	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
<b>Note</b>	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — CABYR

Entrez GeneID	<a href="#">26256</a>
GeneBank Accession#	<a href="#">NM_138644.1</a>
Protein Accession#	<a href="#">NP_619585.1</a>
Gene Name	CABYR
Gene Alias	CBP86, FSP-2, FSP2, MGC9117
Gene Description	calcium binding tyrosine-(Y)-phosphorylation regulated
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	To reach fertilization competence, spermatozoa undergo a series of morphological and molecular maturational processes, termed capacitation, involving protein tyrosine phosphorylation and increased intracellular calcium. The protein encoded by this gene localizes to the principal piece of the sperm flagellum in association with the fibrous sheath and exhibits calcium-binding when phosphorylated during capacitation. A pseudogene on chromosome 3 has been identified for this gene. Transcript variants of this gene encode multiple protein isoforms. An additional transcript and isoform has not been fully characterized. [provided by RefSeq]
Other Designations	OTTHUMP00000035470 calcium binding tyrosine-(Y)-phosphorylation regulated (fibrousheathin 2) calcium-binding tyrosine phosphorylation-regulated protein calcium-binding tyrosine-(Y)-phosphorylation regulated (fibrousheathin 2) fibrousheathin 2 fibrousheath

## Disease

- [Tobacco Use Disorder](#)