

## RP9 mouse monoclonal antibody (hybridoma)

Catalog # H00006100-M

Size Up to 5 Clones

### Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full-length recombinant RP9.
<b>Immunogen</b>	RP9 (NP_976033.1, 1 a.a. ~ 221 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MSSRPGREDVGAAGARRPREPPEQELQRRREQKRRRHDAQQLQQLKHLESFYEKPPPGLIKED ETKPEDCIPDVPNGEHAREFLAHAPTGLWMPGLGKEVKVMQCWRCKRYGHRTGDKECPFFIKG NQKLEQFRVAHEDPMYDIIRDNKRHEKDVRIQQLKQLLEDSTSEDRSSSSSSSEGKEKHKKKKK KEKHKKRKKEKKKKKKRKHKSSKSNEGSDSE
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (96); Rat (96)
<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 — RP9

Entrez GeneID	<a href="#">6100</a>
GeneBank Accession#	<a href="#">NM_203288.1</a>
Protein Accession#	<a href="#">NP_976033.1</a>
Gene Name	RP9
Gene Alias	PAP-1
Gene Description	retinitis pigmentosa 9 (autosomal dominant)
Omim ID	<a href="#">180104 607331</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>The protein encoded by this gene can be bound and phosphorylated by the protooncogene PIM1 product, a serine/threonine protein kinase . This protein localizes in nuclear speckles containing the splicing factors, and has a role in pre-mRNA splicing. CBF1-interacting protein (CIR), a corepressor of CBF1, can also bind to this protein and effects alternative splicing. Mutations in this gene result in autosomal dominant retinitis pigmentosa-9. This gene has a pseudogene (GeneID: 441212), which is located in tandem array approximately 166 kb distal to this gene. [provided by RefSeq]</p>
Other Designations	Pim-1 associated protein Pim-1 kinase associated protein retinitis pigmentosa 9

## Disease

- [Retinal Diseases](#)