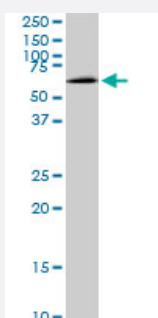


# MAK monoclonal antibody (M01), clone 3E5

Catalog # H00004117-M01

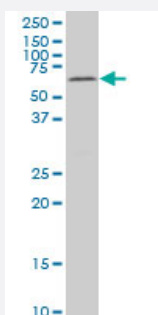
Size 100 ug

## Applications



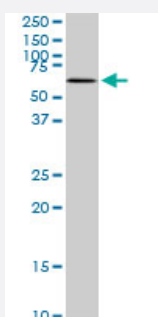
### Western Blot (Cell lysate)

MAK monoclonal antibody (M01), clone 3E5. Western Blot analysis of MAK expression in NIH/3T3(Cat # L018V1 ).



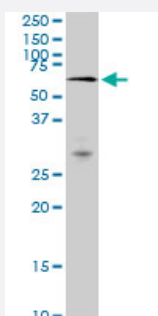
### Western Blot (Cell lysate)

MAK monoclonal antibody (M01), clone 3E5 Western Blot analysis of MAK expression in HepG2 ( Cat # L019V1 ).



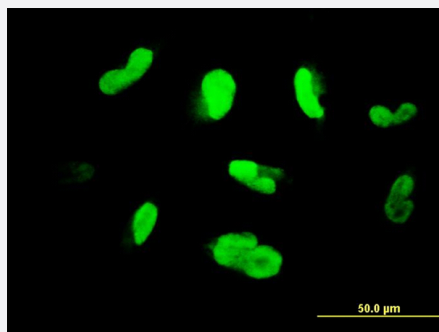
### Western Blot (Cell lysate)

MAK monoclonal antibody (M01), clone 3E5. Western Blot analysis of MAK expression in PC-12(Cat # L012V1 ).



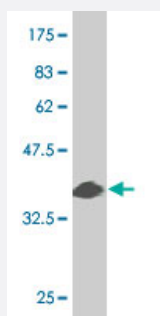
### Western Blot (Cell lysate)

MAK monoclonal antibody (M01), clone 3E5. Western Blot analysis of MAK expression in Raw 264.7(Cat # L024V1 ).



## Immunofluorescence

Immunofluorescence of monoclonal antibody to MAK on HepG2 cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.41 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant MAK.
<b>Immunogen</b>	MAK (AAH39825, 358 a.a. ~ 457 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	PPKQQSQEKPPQTLFPSIVKNMPTKPNGTLSHKSGRRRWGQTIFKSGDSWEELEDYDFGASHSK KPSMGVFEKEKRKKDSPFRQQVKMAVISLSAHQFPTL
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.41 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 (Cell lysate)

MAK monoclonal antibody (M01), clone 3E5. Western Blot analysis of MAK expression in NIH/3T3(Cat # L018V1 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

MAK monoclonal antibody (M01), clone 3E5 Western Blot analysis of MAK expression in HepG2 ( Cat # L019V1 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

MAK monoclonal antibody (M01), clone 3E5. Western Blot analysis of MAK expression in PC-12(Cat # L012V1 ).

[Protocol Download](#)

- Western Blot (Cell lysate)

MAK monoclonal antibody (M01), clone 3E5. Western Blot analysis of MAK expression in Raw 264.7(Cat # L024V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to MAK on HepG2 cell. [antibody concentration 10 ug/ml]

## Gene Info — MAK

Entrez GeneID	<a href="#">4117</a>
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GeneBank Accession#	<a href="#">BC039825</a>
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Protein Accession#	<a href="#">AAH39825</a>
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Gene Name	MAK
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Gene Alias	dJ417M14.2
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Gene Description	male germ cell-associated kinase
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Omim ID	<a href="#">154235</a>
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**Gene Ontology**[Hyperlink](#)**Gene Summary**

The product of this gene is a serine/threonine protein kinase related to kinases involved in cell cycle regulation. It is expressed almost exclusively in the testis, primarily in germ cells. Studies of the mouse and rat homologs have localized the kinase to the chromosomes during meiosis in spermatogenesis, specifically to the synaptonemal complex that exists while homologous chromosomes are paired. There is, however, a study of the mouse homolog that has identified high levels of expression in developing sensory epithelia so its function may be more generalized. [provided by RefSeq]

**Other Designations**

OTTHUMP00000016025|serine/threonine protein kinase MAK