

# LHX5 monoclonal antibody (M01), clone 1D9

Catalog # H00064211-M01

Size 50 ug

## Applications



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant LHX5.
<b>Immunogen</b>	LHX5 (NP_071758, 136 a.a. ~ 235 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	CTDRSLSPDLQDALQDDPKETDNSTSSDKETANNENEEQNSGKRRGPRTTIKAKQLETLKAAF AATPKPTRHIREQLAQETGLNMRVIQVWFQNRRSKE
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (98); Rat (98)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — LHX5

Entrez GeneID	<a href="#">64211</a>
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GeneBank Accession#	<a href="#">NM_022363</a>
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Protein Accession#	<a href="#">NP_071758</a>
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Gene Name	LHX5
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Gene Alias	MGC129689
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Gene Description	LIM homeobox 5
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Omim ID	<a href="#">605992</a>
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Gene Ontology	<a href="#">Hyperlink</a>
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Gene Summary	This gene encodes a protein belonging to a large protein family, members of which carry the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein may function as a transcriptional regulator and be involved in the control of differentiation and development of the forebrain. In mice, this protein is essential for the regulation of precursor cell proliferation and the control of neuronal differentiation and migration during hippocampal development. This protein is involved in learning and motor functions in adult mice. [provided by RefSeq]
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Other Designations	LIM homeobox protein 5
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