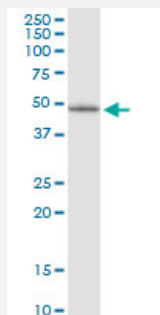


# LHX5 monoclonal antibody (M10), clone 2C6

Catalog # H00064211-M10

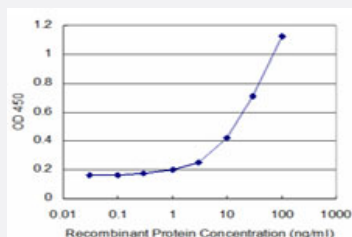
Size 100 ug

## Applications



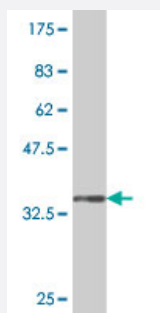
### Western Blot (Tissue lysate)

LHX5 monoclonal antibody (M10), clone 2C6. Western Blot analysis of LHX5 expression in human pancreas.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LHX5 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (33.59 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full length recombinant LHX5.

<b>Immunogen</b>	LHX5 (NP_071758, 114 a.a. ~ 182 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	VCKDDYLSSSSLKEGSLNSVSSCTDRSLSPDLQDALQDDPKETDNSTSSDKETANNENEEQNS GTKRRG
<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 (33.59 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 (Tissue lysate)

LHX5 monoclonal antibody (M10), clone 2C6. Western Blot analysis of LHX5 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LHX5 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — LHX5

Entrez GeneID [64211](#)

GeneBank Accession#	<a href="#">NM_022363</a>
Protein Accession#	<a href="#">NP_071758</a>
Gene Name	LHX5
Gene Alias	MGC129689
Gene Description	LIM homeobox 5
Omim ID	<a href="#">605992</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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]</p>
Other Designations	LIM homeobox protein 5