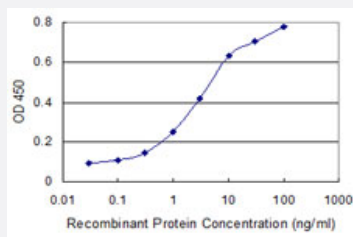


# ISL1 monoclonal antibody (M03), clone 8A3

Catalog # H00003670-M03

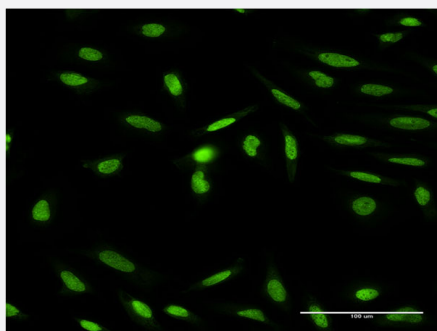
Size 100 ug

## Applications



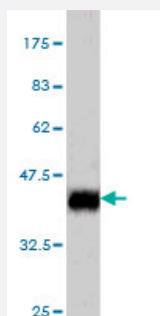
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ISL1 is 0.1 ng/ml as a capture antibody.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to ISL1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.41 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant ISL1.

Immunogen	ISL1 (NP_002193, 63 a.a. ~ 159 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	YCKRDYIRLYGIKCAKCSIGFSKNDFVMRARSKVYHIECFRCVACSRQLIPGDEFALREDGLFCRA DHDVVERASLGAGDPLSPLHPARPLQMAAEP
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.41 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ISL1 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to ISL1 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — ISL1

Entrez GeneID	<a href="#">3670</a>
GeneBank Accession#	<a href="#">NM_002202</a>
Protein Accession#	<a href="#">NP_002193</a>
Gene Name	ISL1

Gene Alias	Isl-1
Gene Description	ISL LIM homeobox 1
Omim ID	<a href="#">600366</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes a member of the LIM/homeodomain family of transcription factors. The encoded protein binds to the enhancer region of the insulin gene, among others, and may play an important role in regulating insulin gene expression. The encoded protein is central to the development of pancreatic cell lineages and may also be required for motor neuron generation. Mutations in this gene have been associated with maturity-onset diabetes of the young. [provided by RefSeq]</p>
Other Designations	ISL1 transcription factor, LIM/homeodomain islet-1

## Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Tourette Syndrome](#)