

# Product Datasheet

## Islet-1 Antibody (1A3) H00003670-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00003670-M01**

Islet-1 Antibody (1A3)

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1A3
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	Ascites
<b>Buffer</b>	In 1x PBS, pH 7.4

**Product Description**

<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	3670
<b>Gene Symbol</b>	ISL1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	ISL1 - ISL1 transcription factor, LIM/homeodomain, (islet-1)
<b>Immunogen</b>	ISL1 (NP_002193, 63 a.a. ~ 159 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. YCKRDYIRLYGIKCAKCSIGFSKNDFVMRARSKVYHIECFRCVACSRQLIPGDEF ALREDGLFCRADHDVVERASLGAGDPLSPLHPARPLQMAAEP
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

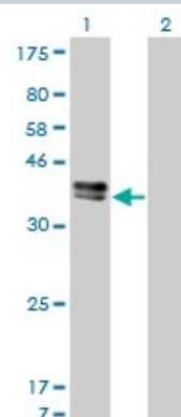
**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, RNA Inhibition
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, RNA Inhibition
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has been used for RNAi Validation and ELISA.

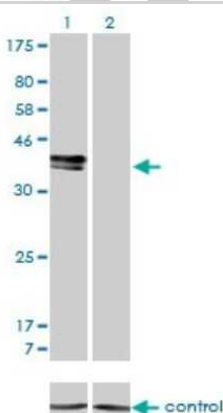


## Images

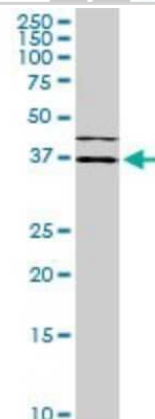
Western Blot: Islet-1 Antibody (1A3) [H00003670-M01] - Analysis of ISL1 expression in transfected 293T cell line by ISL1 monoclonal antibody (M01), clone 1A3. Lane 1: ISL1 transfected lysate (38.7 KDa). Lane 2: Non-transfected lysate.



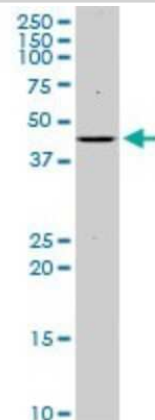
Western Blot: Islet-1 Antibody (1A3) [H00003670-M01] - Analysis of ISL1 over-expressed 293 cell line, cotransfected with ISL1 Validated Chimera RNAi (Cat # H00003670-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with ISL1 monoclonal antibody (M01), clone 1A3 (Cat # H00003670-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot: Islet-1 Antibody (1A3) [H00003670-M01] - ISL1 monoclonal antibody (M01), clone 1A3. Analysis of ISL1 expression in Hela S3 NE.



Western Blot: Islet-1 Antibody (1A3) [H00003670-M01] - ISL1 monoclonal antibody (M01), clone 1A3. Analysis of ISL1 expression in K-562.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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