

ISL1 Monoclonal Antibody (1B1)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	1B1
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of human ISL1 expressed in E. Coli.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	ascites
Contains	0.03% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_10982886

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunocytochemistry (ICC/IF)	1:200-1:1,000	-
ELISA (ELISA)	1:10,000	-

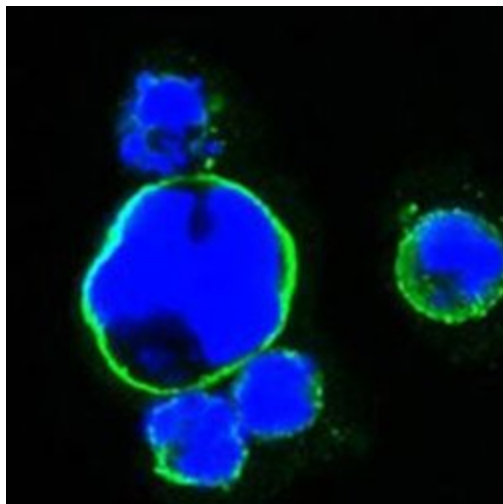
Product Specific Information

MA5-15516 targets ISL1 in IF and WB applications and shows reactivity with Human samples.

The MA5-15516 immunogen is purified recombinant fragment of human ISL1 expressed in E. Coli.

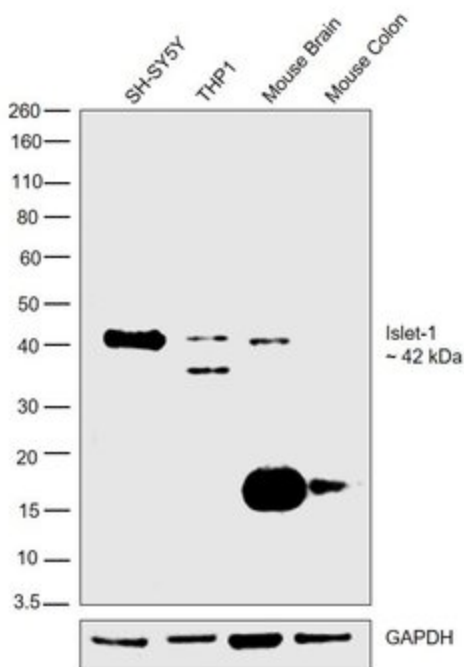
MA5-15516 detects ISL1 which has a predicted molecular weight of approximately 39kDa.

Product Images For ISL1 Monoclonal Antibody (1B1)



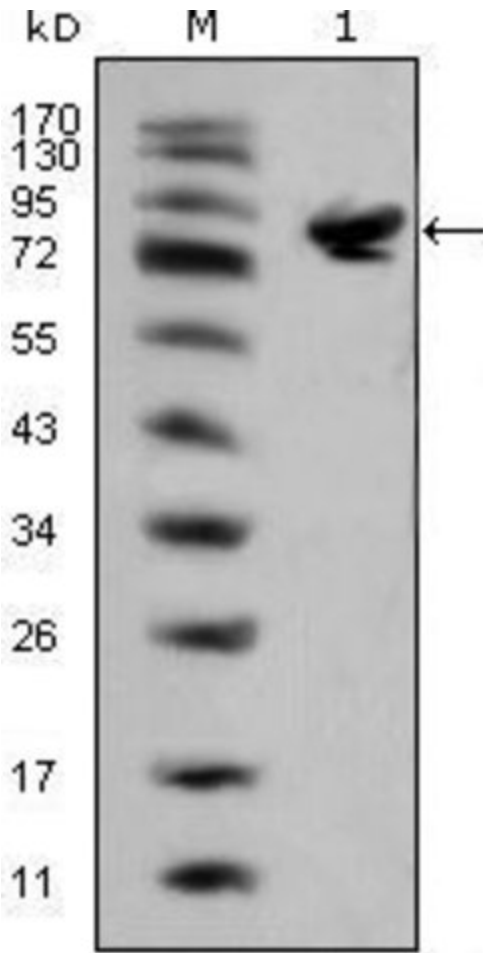
ISL1 Antibody (MA5-15516) in ICC/IF

Immunofluorescence analysis of HEK293 cells transfected with full-length ISL1-human IgG Fc using ISL1 monoclonal antibody (Product # MA5-15516) (Green). Blue: DRAQ5 fluorescent DNA dye.



ISL1 Antibody (MA5-15516) in WB

Western blot was performed using Anti-ISL1 Mouse Monoclonal Antibody (1B1) (Product # MA5-15516) and a 42 kDa band corresponding to Islet-1 was observed in SH-SY5Y, at relatively much lower level in THP1, Mouse Brain but not in Mouse Colon which is reported to be negative. Whole cell extracts (30 μ g lysate) of SH-SY5Y (Lane 1), THP1 (Lane 2), tissue extracts (30 μ g lysate) of Mouse Brain (Lane 3) and Mouse Colon (Lane 4) were electrophoresed using NuPAGE™ 3-8% Tris-Acetate Protein Gel (Product # EA0375BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



ISL1 Antibody (MA5-15516) in WB

Western blot analysis of ISL1 using ISL1 monoclonal antibody (Product # MA5-15516) in full-length ISL1 (aa1-349) human IgG Fc transfected HEK293 cell lysate (1).

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