

Islet 1 antibody [HL2807]

Cat. No. GTX639917

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa)	45 kDa.
Product Note	This antibody may not be suitable for human IHC-P assay, as its human reactivity is based on WB and ICC/IF testing.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant fragment of human Islet 1.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

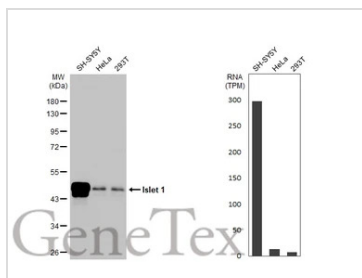


For full product information, images and publications, please visit our [website](#).

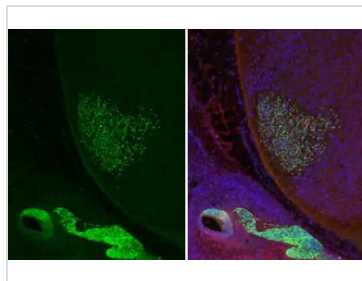
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX639917 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Islet 1 antibody [HL2807] (GTX639917) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.


GTX639917 IHC-P Image

Islet 1 antibody [HL2807] detects Islet 1 protein at nucleus by immunohistochemical analysis.

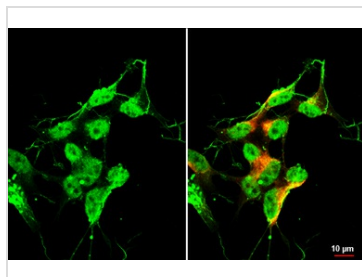
Sample: Paraffin-embedded mouse E13.5 embryo.

Green: Islet 1 stained by Islet 1 antibody [HL2807] (GTX639917) diluted at 1:100.

Red: SOX2, a nucleus marker, stained by SOX2 antibody [GT1352] (GTX627405) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX639917 ICC/IF Image

Islet 1 antibody [HL2807] detects Islet 1 protein by immunofluorescent analysis.

Sample: SH-SY-5Y cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Islet 1 stained by Islet 1 antibody [HL2807] (GTX639917) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.



For full product information, images and publications, please visit our [website](https://www.genetex.com).