

Islet1 Rabbit mAb

Catalog No: #59936

Package Size: #59936-1 50ul #59936-2 100ul

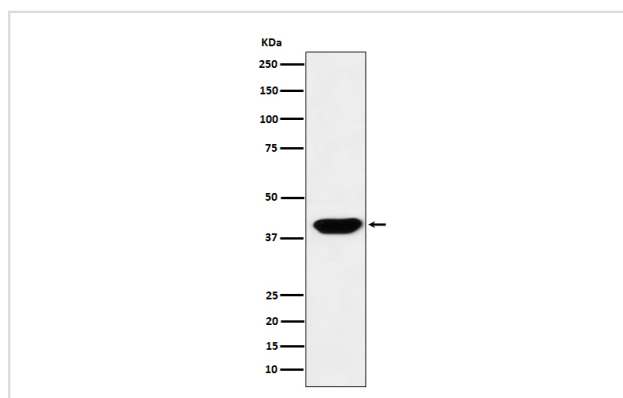
Description

Product Name	Islet1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP FC
Species Reactivity	Human
Specificity	Islet1 Antibody detects endogenous levels of total Islet1
Immunogen Description	A synthesized peptide derived from human Islet1
Other Names	Isl-1; ISLET1; Islet1; ISL 1; Insulin related protein;
Accession No.	Uniprot:P61371
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:50

Images



Western blot analysis of Islet1 expression in HeLa cell lysate.

Background

ISL1 (ISL1 transcription factor, LIM/homeodomain) is a member of the LIM/homeodomain family of transcription factors. It binds to the enhancer region of the insulin gene, among others, and may play an important role in regulating insulin gene expression. It is central to the development of pancreatic cell lineages and may also be required for motor neuron generation. Islet-1 expression defines cardiac progenitor cell populations and is required for normal cardiac development and asymmetry.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.