

Mouse anti-Human Islet-1 Monoclonal Antibody | anti-Islet-1 antibody

Islet-1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320121	Mouse	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Islet-1; Monoclonal Antibody; Islet-1 Monoclonal Antibody; Insulin gene enhancer protein ISL-1; ISL1; anti-Islet-1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Islet-1 Monoclonal Antibody detects endogenous levels of Islet-1 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-Islet-1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Islet-1 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



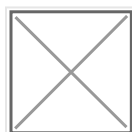
IF (Immunofluorescence)

Confocal immunofluorescence analysis of HEK293 cells trasfected with full-length ISL1-hlgGfC using Islet-1 Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye.



IHC (Immunohiostchemistry)

Immunohistochemistry analysis of paraffin-embedded human lung cancer (left) and cervical carcinoma (right). showing nuclear localization with DAB staining using Islet-1 Monoclonal Antibody.



WB (Western Blot)

Western Blot analysis using Islet-1 Monoclonal Antibody against full-length ISL1 (aa1-349)-hlgGfC transfected HEK293 cell lysate(1).

ADDITIONAL INFORMATION

Related Product Information for anti-Islet-1 antibody	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, Jul 2008]
Product Categories/Family for anti-Islet-1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	47606423
NCBI GeneID	3670
UniProt Accession #	P61371; P20663; P47894
Molecular Weight	349
NCBI Official Full Name	Insulin gene enhancer protein ISL-1
NCBI Official Synonym Full Names	ISL LIM homeobox 1
NCBI Official Symbol	ISL1
NCBI Official Synonym Symbols	Isl-1; ISLET1
NCBI Protein Information	insulin gene enhancer protein ISL-1; islet-1; ISL1 transcription factor, LIM/homeodomain
UniProt Protein Name	Insulin gene enhancer protein ISL-1
UniProt Gene Name	ISL1
UniProt Synonym Gene Names	Islet-1
UniProt Entry Name	ISL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/islet-1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320121>