

Mouse anti-Human ISLET-1 / ISL1 Monoclonal Antibody | anti-ISLET-1 antibody

Mouse Monoclonal [clone 1H9] (IgG1) to Human ISLET-1 / ISL1

CATALOG # AAA51906	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunofluorescence, Immunohistochemistry
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PRODUCT SYNONYMS

ISLET-1 / ISL1; Monoclonal Antibody; Mouse Monoclonal [clone 1H9] (IgG1) to Human ISLET-1 / ISL1; Anti-ISLET-1 / ISL1 Antibody (clone 1H9) IHC-plus; ISL1; Isl-1; ISLET1; ISL LIM homeobox 1; Islet-1; Human ISLET-1; anti-ISLET-1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1H9
Specificity	Human ISL1
Purity/Purification	Ascites
Form/Format	Ascites fluid, 0.03% sodium azide. Sourced in Ascites.
Sequence Length	349
Applicable Applications for anti-ISLET-1 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Purified recombinant fragment of human ISL1 expressed in E Coli.
Immunogen	ISLET-1 / ISL1 antibody was raised against purified recombinant fragment of human ISL1 expressed in E Coli.
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C. Avoid repeat freeze-thaw cycles.

IMAGES



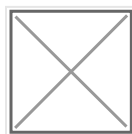
WB (Western Blot)

IHC of paraffin-embedded human lung cancer (left) and cervical carcinoma (right), showing nuclear localization using anti-ISL1 antibody with DAB staining.



IHC (Immunohistochemistry)

Anti-ISL1 / Islet 1 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.



IHC (Immunohistochemistry)

Anti-ISL1 / Islet 1 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-ISLET-1 antibody	ISL1 encodes islet 1, a transcription factor containing two amino-terminal LIM domains and one carboxy-terminal homeodomain. ISL1 plays an important role in the embryogenesis of pancreatic islets of Langerhans. In addition, mouse embryos made deficient in ISL1 fail to undergo neural tube motor neuron differentiation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115387114
NCBI GeneID	3670
NCBI Accession #	NP_002193.2
NCBI GenBank Nucleotide #	NM_002202.2
UniProt Accession #	P61371; P20663; P47894
Molecular Weight	39,036 Da
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-isl1-antibody-clone-1h9-western-blot-immunofluorescence-immunohistochemistry-elisa/51906>