

Mouse Insulin Monoclonal Antibody | anti-INS antibody

Anti-Insulin antibody (monoclonal)

CATALOG # AAA44904	HOST Mouse	REACTIVITY Human, Rabbit, Rat	APPLICATIONS Immunohistochemistry
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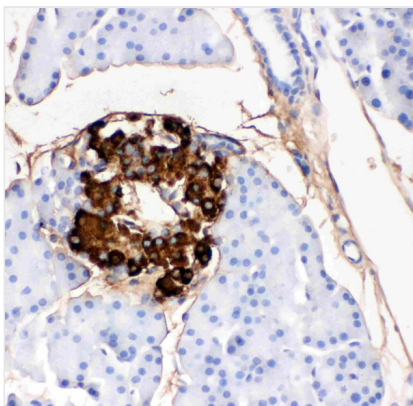
PRODUCT SYNONYMS

Insulin; Monoclonal Antibody; Anti-Insulin antibody (monoclonal); insulin; PROINSULIN; ILPR; IRDN; IDDM2; MODY10; Insulin2; Ins-2; anti-INS antibody

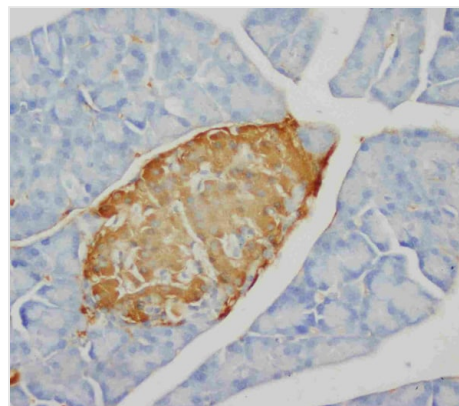
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rabbit, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	ISL-8J
Purity/Purification	Ascites
Form/Format	Lyophilized
Sequence Length	110
Applicable Applications for anti-INS antibody	IHC (Immunohistochemistry)
Immunogen	Human insulin.
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative.
Reconstitution	1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Insulin antibody (monoclonal), AAA44904, IHC(P)IHC(P): Rat Pancreas Tissue



IHC (Immunohistochemistry)
Anti-Insulin antibody (monoclonal), AAA44904, IHC(P)IHC(P): Rat Pancreas Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-INS antibody	Description: Mouse IgG monoclonal antibody for Insulin, insulin (INS) detection. Tested with IHC-P in Human, mouse, rat. No cross reactivity with other proteins. Uniprot ID: P01308 Background: Insulin, synthesized by the beta cells of the islets of Langerhans, consists of 2 dissimilar polypeptide chains, A and B, which are linked by 2 disulfide bonds. The insulin gene contains 3 exons and 2 introns; exon 2 encodes the signal peptide, the B chain, and part of the C peptide, while exon 3 encodes the remainder of the C peptide and the A chain. Localization of the human insulin gene to the distal end of the short arm of chromosome 11. Harper et al.(1981) and Harper and Saunders(1981) assigned the insulin gene to 11p15.5 by in situ hybridization.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124617
NCBI GeneID	3630
UniProt Accession #	P01308; Q5EEX2
Molecular Weight	21,537 Da
NCBI Official Full Name	Insulin
NCBI Official Synonym Full Names	insulin
NCBI Official Symbol	INS
NCBI Official Synonym Symbols	ILPR; IRDN; IDDM1; IDDM2; MODY10
NCBI Protein Information	insulin; proinsulin; preproinsulin; insulin-dependent diabetes mellitus 2
UniProt Protein Name	Insulin
UniProt Gene Name	INS
UniProt Entry Name	INS_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/insulin-antibody-clone-isl-8j-immunohistochemistry-elisa/44904>