

Mouse anti-Human Insulin Monoclonal Antibody | anti-INS antibody

Insulin antibody

CATALOG # AAA74525	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Insulin; Monoclonal Antibody; Insulin antibody; Monoclonal Insulin; Anti-Insulin; anti-INS antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	E6E5
Specificity	Human
Purity/Purification	Insulin antibody was purified by chromatography on protein A Sepharose.
Form/Format	PBS, pH 7.4, 0.1 % NaN ₃ .
Concentration	10.7mg/ml (varies by lot)
Sequence Length	110
Applicable Applications for anti-INS antibody	ELISA
Biological Significance	Insulin causes the cells in the liver, muscle, and fat tissue to take up glucose from blood and convert it to glycogen that can be stored in the liver and muscles. Insulin also prevents the utilization of fat as an energy source. In absence of insulin or in conditions where insulin is low glucose is not taken up by body cells, and the body begins to use fat as an energy source
Cross-Reactivity	Bovine, pig
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	Insulin antibody was raised in mouse using human insulin as the immunogen.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-INS antibody	Mouse monoclonal Insulin antibody
Product Categories/Family for anti-INS antibody	Hormones & Steroids

NCBI AND UNIPROT INFORMATION

NCBI GI #	386828
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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	IDDM; ILPR; IRDN; IDDM1; IDDM2; MODY10
NCBI Protein Information	insulin
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://www.aaabiotech.com/monoclonal/insulin-antibody-clone-e6e5-elisa/74525>