

Insulin Monoclonal Antibody | anti-INS antibody

MAb to Insulin

CATALOG # AAA57751	HOST Host: Mouse. Hybridization of X63-Ag8-653 myeloma cells with spleen cells from Balb/c mice.Source: Ascites	APPLICATIONS ELISA
------------------------------	---	------------------------------

PRODUCT SYNONYMS

Insulin; Monoclonal Antibody; MAb to Insulin; Monoclonal Antibody to Insulin; anti-INS antibody

PRODUCT SPECIFICATIONS

Host	Host: Mouse. Hybridization of X63-Ag8-653 myeloma cells with spleen cells from Balb/c mice. Source: Ascites
Clonality	Monoclonal
Isotype	IgG1, kappa
Specificity	Insulin Insulin, human. Cross-reacts with human proinsulin, bovine insulin (30%) and porcine insulin. Does not cross-react with free C-peptide.
Purity/Purification	>90% pure (SDS-PAGE). Protein A chromatography
Form/Format	HRP, Liquid
Concentration	1.5mg/ml (OD280nm, E ^{0.1%} = 1.4) (varies by lot)
Sequence Length	110
Applicable Applications for anti-INS antibody	ELISA
Immunogen	Purified human insulin
Affinity Constant	6.0 x 10 ⁸ M ⁻¹
Buffer	PBS, pH 7.4
Preservative	0.05% ProClin 300
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Warnings	Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.
Preparation and Storage	Store at 2 to 8 degree C.

ADDITIONAL INFORMATION

Product Categories/Family for anti-INS antibody	Monoclonal Antibodies to Hormones and Steroids
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	386828
NCBI GeneID	3630
UniProt Accession #	P01308; Q5EEX2

Molecular Weight	11,981 Da
NCBI Official Full Name	insulin
NCBI Official Synonym Full Names	insulin
NCBI Official Symbol	INS
NCBI Official Synonym Symbols	ILPR; IRDN; IDDM2; MODY10
NCBI Protein Information	insulin; proinsulin; OTTHUMP00000011161; OTTHUMP00000011162; OTTHUMP00000196036; OTTHUMP00000196038; OTTHUMP00000217519
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/insulin-antibody-elisa/57751>