

anti-Human Insulin Monoclonal Antibody | anti-INS antibody

MAb to Insulin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA57939	Host: Mouse. Hybridization of X63-Ag8-653 myeloma cells with spleen cells from Balb/c mice.Source: Ascites	Human	ELISA

PRODUCT SYNONYMS

Insulin; Monoclonal Antibody; MAb to Insulin; Monoclonal Antibody to Human 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
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Specificity	Insulin Human insulin. 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	Purified, Liquid
Concentration	7.2mg/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	K _{ass} = 1.0 x 10 ⁹ M ⁻¹
Buffer	PBS, pH 7.4
Preservative	0.1% Sodium azide
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Warnings	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 - 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.
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/57939>