

Mouse Insulin Monoclonal Antibody | anti-INS antibody

Insulin Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA330079	Mouse	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

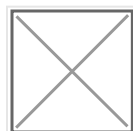
PRODUCT SYNONYMS

Insulin; Monoclonal Antibody; Insulin Mouse Monoclonal Antibody; IDDM; IDDM1; IDDM2; ILPR; ins; INS_HUMAN; Insulin A chain; Insulin B chain; IRDN; MODY10; Preproinsulin; Proinsulin; Proinsulin precursor; anti-INS antibody

PRODUCT SPECIFICATIONS

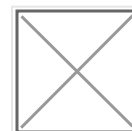
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	Insulin Antibody detects endogenous levels of total Insulin.
Purity/Purification	Affinity-chromatography.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence	MALWMRLPL LALLALWGPD PAAAFVNQHL CGSHLVEALY LVCGERGFFY TPKTRREAED LQVGQVELGG GPGAGSLQPL ALEGLSLQKRG IVEQCCTSIC SLYQLENYCN
Applicable Applications for anti-INS antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Insulin, corresponding to a region within the internal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA330079 at 1/100 staining mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Mouse antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from rat spleen tissue, using Insulin Mouse Monoclonal Antibody. The lane on the left was treated with blocking-peptides.

ADDITIONAL INFORMATION

Related Product Information for anti-INS antibody	Insulin decreases blood glucose concentration. It increases cell permeability to monosaccharides, amino acids and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver.
Product Categories/Family for anti-INS antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	3630
UniProt Accession #	P01308
Molecular Weight	11 kD; 12kD(Calculated)

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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/330079>