

Mouse Insulin Glargine Monoclonal Antibody | anti-INS antibody

Insulin Glargine Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA267165	Mouse	The antibody detects Insulin Glargine protein. Species independent.	ELISA

PRODUCT SYNONYMS

Insulin Glargine; Monoclonal Antibody; Insulin Glargine Mouse Monoclonal Antibody; anti-INS antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	The antibody detects Insulin Glargine protein. Species independent.
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3F12
Purity/Purification	Purification: The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	110
Applicable Applications for anti-INS antibody	ELISA
Immunogen	Insulin Glargine
Preparation and Storage	Store at -20°C for 1 year. Do not aliquot the antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-INS antibody	Background: Insulin glargine is a long-acting type of insulin that works slowly, over about 24 hours. Insulin is one of many hormones that help the body turn the food we eat into energy. This is done by using the glucose (sugar) in the blood as quick energy. Also, insulin helps us store energy that we can use later. When you have diabetes mellitus, your body cannot make enough insulin or does not use insulin properly. This causes you to have too much sugar in your blood. Like other types of insulin, insulin glargine is used to keep your blood sugar level close to normal. You may have to use insulin glargine in combination with another type of insulin or with a type of oral diabetes medicine to keep your blood sugar under control.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	631226408
NCBI GeneID	3630
NCBI Accession #	NP_001278826.1
NCBI GenBank Nucleotide #	NM_001291897.1
UniProt Accession #	P01308 ; Q5EEX2
NCBI Official Full Name	insulin preproprotein

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

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-glargine-antibody-clone-3f12-elisa/267165>