Recombinant Anti-INS Antibody (V3S-0723-FY21)

Cat. No.: V3S-0723-FY21

Summary

Description	This product is a recombinant human antibody that recognizes human Insulin (INS). Insulin is a 51-residue anabolic protein secreted by β-cells of the Isles of Langerhans and plays a centr al role in the regulation of the body's metabolism. Mutations of the antibody can increased the affinity of the mAb, about 30 nM.
Clonality	Monoclonal
Host Species	Human
Target Species	Human
Affinity	30 nM
Isotype	IgG

Property

Expression Species	HEK293F or CHO cell line
Conjugation	Unconjugated
Purity	>95%
Endotoxin	<1 EU/mg
Form	Liquid
Purification	Protein A purified
Sterility	0.2 μM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/tha w cycles. Refer to the COA file for specifics.

Applications

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Application	ELISA; FuncS

Target

Target	INS
Alternative Name	INS; IDDM; ILPR; IRDN; IDDM1; IDDM2; PNDM4; MODY10
Gene ID	3630
UniProt	P01308
Introduction	Anthrax toxin is a key virulence factor of anthrax, the chemical composition of three proteins: PA (protective antigen), LF (lethal factor) and EF(edema factor). LF or EF alone without toxicit y, PA-LF complexes were formed after the PA and LF binding, called lethal toxin (LeTx).
Research Area	Signal Pathway; Neuroscience

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