

Product Datasheet

Insulin Antibody (3A6) NB100-73008

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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NB100-73008

Insulin Antibody (3A6)

Product Information

Unit Size	0.2 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	3A6
Preservative	0.09% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description

Host	Mouse
Gene ID	3630
Gene Symbol	INS
Species	Human, Mouse
Reactivity Notes	Insulin, human. Mouse reactivity reported in scientific literature (PMID: 28132934).
Specificity/Sensitivity	This cross-reacts with human proinsulin, bovine insulin (30%) and porcine insulin. No cross-reaction with free C-peptide.
Immunogen	Derived from hybridization of X63-Ag8-653 myeloma cells with spleen cells of Balb/c mice immunized with purified human insulin.

Product Application Details

Applications	ELISA, Sandwich ELISA
Recommended Dilutions	ELISA, Sandwich ELISA 1:100-1:2000
Application Notes	Detection of insulin in two-site enzyme immunoassay. Following pairs are recommended (capture-detection): NB100-73008 - href="http://www.novusbio.com/Insulin-Antibody-8E2_NB100-73009.html" target="_blank">NB100-73009. Use in ELISA reported in scientific literature (PMID 28132934).

Publications

Fernandez Costa J, Ortega M, Rodriguez Comas J et al. Training on a Chip: A Multi Organ Device to Study the Effect of Muscle Exercise on Insulin Secretion in Vitro Advanced Materials Technologies 2022-08-23 (Human)

Details:
Microfluidics

Lin X, Wang G, Ma L, Liu G Study on Factors Affecting the Performance of a CRISPR/Cas-Assisted New Immunoassay: Detection of Salivary Insulin as an Example Frontiers in Bioengineering and Biotechnology 2021-11-11 [PMID: 34858958]

Lopez-MuNoz G, FernAndez-Costa J, Ortega M Et al. Plasmonic nanocrystals on polycarbonate substrates for direct and label-free biodetection of Interleukin-6 in bioengineered 3D skeletal muscles Nanophotonics 2021-10-08

Ortega MA, Rodriguez-Comas J, Yavas O et al. In Situ LSPR Sensing of Secreted Insulin in Organ-on-Chip Biosensors 2021-04-28 [PMID: 33924867] (ELISA, Mouse)

Cao Y, Kakar P, Hossen MN et al. Sustained epidermal powder drug delivery via skin microchannels J Control Release 2017-01-27 [PMID: 28132934] (ELISA, Mouse)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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