

Product Datasheet

Insulin Antibody (8E2) NB100-73009

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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NB100-73009

Insulin Antibody (8E2)

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	8E2
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
Reactivity Notes	Insulin, human
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	Sandwich ELISA
Recommended Dilutions	Sandwich ELISA 1:100-1:2000
Application Notes	Detection of insulin in two-site enzyme immunoassay. Following pairs are recommended (capture-detection): NB100-73008 - 8E2

Publications

Deng Z, Kuno A, Ojima M, Takahashi S MafB Maintains beta-Cell Identity under MafA-Deficient Conditions Molecular and cellular biology 2022-07-11 [PMID: 35862726]

Bima A, Eldakhakhny B, Alamoudi AA et al. Molecular Study of the Protective Effect of a Low-Carbohydrate, High-Fat Diet against Brain Insulin Resistance in an Animal Model of Metabolic Syndrome Brain sciences 2023-09-28 [PMID: 37891752] (ELISA, Rat)

Matilla L, Martín-Núñez E, Garaikoetxea M et al. Sex-specific role of galectin-3 in aortic stenosis Biology of sex differences 2023-10-24 [PMID: 37875993]

Kannan A, Beal JR, Neff AM et al. Runx1 regulates critical factors that control uterine angiogenesis and trophoblast differentiation during placental development bioRxiv : the preprint server for biology 2023-03-23 [PMID: 36993295] (IHC-P, Mouse)

Details:

Dilutions: 1:200

Stout MB, Vaughan KL, Isola JVV et al. Assessing tolerability and physiological responses to 17?-estradiol administration in male rhesus macaques GeroScience 2023-03-10 [PMID: 36897526]

Yang C, Zhu X, Liu W et al. Dietary Dried Jujube Fruit Powder (DJFP) Supplementation Improves Growth Performance, Antioxidant Stability, and Meat Composition in Broilers Foods (Basel, Switzerland) 2023-03-29 [PMID: 37048283] (ELISA, Chicken)

Iker Etchegaray J, Kelley S, Penberthy K et al. Phagocytosis in the retina promotes local insulin production in the eye Nature metabolism 2023-02-01 [PMID: 36732622]

Zhou X, Zhang H, Jiang Y et al. The role of chemerin in the regulation of cGAS-STING pathway in gestational diabetes mellitus placenta FASEB journal : official publication of the Federation of American Societies for Experimental Biology 2023-03-01 [PMID: 36786722] (ELISA, Human)

Woo VS Western Diet and Early Life Stress Program Insulin Secretion in Adulthood J Endocrinol 2013-10-08 [PMID: 24096964]

Chow CFW, Guo X, Asthana P et al. Body weight regulation via MT1-MMP-mediated cleavage of GFRAL Nature metabolism 2022-02-01 [PMID: 35177851]

Srivastava N, Hu H, Vomund AN et al. Chromogranin A Deficiency Confers Protection From Autoimmune Diabetes via Multiple Mechanisms Diabetes 2021-09-08 [PMID: 34497137]

Details:

Citation using the HRP format of this antibody.

Abd El Kader M, Gabr M, Khater S Et al. Impact of Insulin Producing Cells Derived from Adipose Tissue Mesenchymal Stem Cells on Testicular Dysfunction of Diabetic Rats Heliyon 2021-11-01 [PMID: 34820536] (ICC/IF, Rat)

More publications at <http://www.novusbio.com/NB100-73009>



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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.

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