

Product Datasheet

C-Peptide Antibody (2B7) - BSA Free NB110-2555

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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NB110-2555

C-Peptide Antibody (2B7) - BSA Free

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	2B7
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, Bovine (Negative), Mouse (Negative), Porcine (Negative), Rat (Negative)
Reactivity Notes	Cross-reacts with Human. Does not react with Bovine, Mouse, Rat or Pig
Specificity/Sensitivity	Affinity (Kd) > 1 x 10 ⁸ . Binds to the human free C-peptide and C-peptide region in proinsulin molecules. Antigenic determinants identified by MAbs are in the three-dimensional structure generated by N- and C- terminal regions of C-peptide separated by beta-turn at position 47-50 of proinsulin.. No cross-reactivity with human, bovine, porcine and mouse/rat insulin.
Immunogen	Hybridoma clone has been derived from hybridization of X63-Ag8-653 myeloma cells with spleen cells of Balb/c mice immunized with recombinant C-peptide construction.
Product Application Details	
Applications	ELISA, Radioimmunodiffusion, Radioimmunoassay
Recommended Dilutions	ELISA 1:100-1:2000 Validated for Competitive ELISA, Radioimmunodiffusion, Radioimmunoassay 1:100-1:2000
Application Notes	Competitive ELISA or RIA detection of C-peptide in human serum without or after immunospecific removal of proinsulin (with solid-phased ab8299 (1D6) to human proinsulin)Construction of a sensitive two-site sandwich EIA/ RIA immunosorbent assays for the measurement of total (including proinsulin conversion intermediates) human proinsulin in serum. ab8297 used in conjunction with this antibody would be suitable. Specific immunosorbent (with solid-phase 2B7) removal of total proinsulin and C-peptide molecules from serum samples before the measurement of human insulin





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB110-2555

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
236-EG-200	EGF [Unconjugated]

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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