

# Product Datasheet

## C-Peptide Antibody (2B7) [Alexa Fluor® 488] NB110-2555AF488

Unit Size: 0.2 ml

Store at 4C in the dark.

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**NB110-2555AF488**

C-Peptide Antibody (2B7) [Alexa Fluor® 488]

Product Information	
Unit Size	0.2 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	2B7
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 488
Purity	Protein A purified
Buffer	50mM Sodium Borate
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 <sup>8</sup> . 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.
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**Product Application Details**

<b>Applications</b>	ELISA, Radioimmunoassay, Radioimmunoassay, Competitive ELISA
<b>Recommended Dilutions</b>	ELISA, Radioimmunoassay, Radioimmunoassay, Competitive ELISA
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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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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