## **Product Datasheet**

### Proinsulin Antibody (C-PEP-01) [DyLight 405] NB500-413V

Unit Size: 0.1 ml

Store at 4C in the dark.

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#### NB500-413V

Proinsulin Antibody (C-PEP-01) [DyLight 405]

Product Information     Unit Size   0.1 ml     Concentration   Please see the vial label for concentration. If unlisted please contact technical services.     Storage   Store at 4C in the dark.     Clonality   Monoclonal     Clone   C-PEP-01     Preservative   0.05% Sodium Azide     Isotype   IgG1     Conjugate   DyLight 405     Purity   Protein A or G purified     Buffer   SomM Sodium Borate     Product Description   Mouse     Gene ID   3630     Gene Symbol   INS     Specificity/Sensitivity   The antibody C-PEP-01 reacts specifically with C-peptide, a part of the proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and bet achains; later become linked together to form the Insulin molecule. No cross-reactivity with Insulin or other peptide for morenes or proteins was observed.     Immunogen   C-peptide (Human) conjugated to BSA.     Notes   DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.     Product Application Details   ELISA, Immunocytochemistry-Paraffin, Radioimmunoassay	,	
Concentration   Please see the vial label for concentration. If unlisted please contact technical services.     Storage   Stor at 4C in the dark.     Clonality   Monoclonal     Clone   C-PEP-01     Preservative   0.05% Sodium Azide     Isotype   IgG1     Conjugate   DyLight 405     Purity   Protein A or G purified     Buffer   50mM Sodium Borate     Product Description   Mouse     Gene ID   3630     Gene Symbol   INS     Species   Human     Specificity/Sensitivity   The antibody C-PEP-01 reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule. No cross-reactivity with Insulin or other peptide hormones or proteins was observed.     Immunogen   C-peptide (Human) conjugated to BSA.     Notes   DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.     Product Application Details   ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunofluorescence, Immunohistochemistry, Immunofluorescence, Immunohistochemistry, Immunofluorescence, Immunohistochemistry, Immunofluorescence, Immunohistochemistry, Immunofluorescence,	Product Information	
services.     Storage   Store at 4C in the dark.     Clonality   Monoclonal     Clone   C-PEP-01     Preservative   0.05% Sodium Azide     Isotype   IgG1     Conjugate   DyLight 405     Purity   Protein A or G purified     Buffer   50mM Sodium Borate     Product Description   Mouse     Gene ID   3630     Gene Symbol   INS     Specificity/Sensitivity   The antibody C-PEP-01 reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two form the Insulin molecule). No cross-reactivity with Insulin or other peptide hormones or proteins was observed.     Immunogen   C-peptide (Human) conjugated to BSA.     Notes   DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.     Product Application Details   ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry.	Unit Size	0.1 ml
ClonalityMonoclonalCloneC-PEP-01Preservative0.05% Sodium AzideIsotypeIgG1ConjugateDyLight 405PurityProtein A or G purifiedBuffer50mM Sodium BorateProduct DescriptionMouseGene ID3630Gene SymbolINSSpeciesHumanSpeciesHumanSpecificity/SensitivityThe antibody C-PEP-01 reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule). No cross-reactivity with Insulin or other peptide hormones or proteins was observed.ImmunogenC-peptide (Human) conjugated to BSA.NotesDyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.Product Application DetailsLISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunofluorescence, Recommended Dilutions	Concentration	
CloneC-PEP-01Preservative0.05% Sodium AzideIsotypeIgG1ConjugateDyLight 405PurityProtein A or G purifiedBuffer50mM Sodium BorateProduct DescriptionMouseHostMouseGene ID3630Gene SymbolINSSpeciesHumanSpecificity/SensitivityThe antibody C-PEP-01 reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule). No cross-reactivity with Insulin or other peptide hormones or proteins was observed.ImmunogenC-peptide (Human) conjugated to BSA.NotesDyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.Product Application DetailsELISA, Immunohistochemistry/Immunofluorescence, Immunohistochemistry.ApplicationsELISA, Immunohistochemistry/Immunofluorescence, Immunofluorescence, Immunofustochemistry.	Storage	Store at 4C in the dark.
Preservative 0.05% Sodium Azide   Isotype IgG1   Conjugate DyLight 405   Purity Protein A or G purified   Buffer 50mM Sodium Borate   Product Description Host   Host Mouse   Gene ID 3630   Gene Symbol INS   Species Human   Specificity/Sensitivity The antibody C-PEP-01 reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule). No cross-reactivity with Insulin or other peptide hormones or proteins was observed.   Immunogen C-peptide (Human) conjugated to BSA.   Notes DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   Product Application Details ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry.   Applications ELISA, Immunohistochemistry. Immunofluorescence, Immun	Clonality	Monoclonal
Isotype   IgG1     Conjugate   DyLight 405     Purity   Protein A or G purified     Buffer   50mM Sodium Borate     Product Description   Mouse     Gene ID   3630     Gene Symbol   INS     Species   Human     Specificity/Sensitivity   The antibody C-PEP-01 reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule). No cross-reactivity with Insulin or other peptide hormones or proteins was observed.     Immunogen   C-peptide (Human) conjugated to BSA.     Notes   DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.     Product Application Details   ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunofluorescence, Immunohistochemistry, Immunofluorescence, Immunofluoresce	Clone	C-PEP-01
Conjugate DyLight 405   Purity Protein A or G purified   Buffer 50mM Sodium Borate   Product Description Mouse   Gene ID 3630   Gene Symbol INS   Species Human   Specificity/Sensitivity The antibody C-PEP-01 reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule). No cross-reactivity with Insulin or other peptide hormones or proteins was observed.   Immunogen C-peptide (Human) conjugated to BSA.   Notes DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   Product Application Details ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry. Immunofluorescence, Immunohistochemistry.	Preservative	0.05% Sodium Azide
Purity Protein A or G purified   Buffer 50mM Sodium Borate   Product Description Mouse   Host Mouse   Gene ID 3630   Gene Symbol INS   Species Human   Specificity/Sensitivity The antibody C-PEP-01 reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule). No cross-reactivity with Insulin or other peptide hormones or proteins was observed.   Immunogen C-peptide (Human) conjugated to BSA.   Notes DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   Product Application Details ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry.Paraffin, Radioimmunoassay   Recommended Dilutions ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunofluorescence, Immunofluorescence, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunofluorescence, Immunohistochemistry, Immunocytochemistry/ Immunofluores	Isotype	IgG1
Buffer 50mM Sodium Borate   Product Description Mouse   Host Mouse   Gene ID 3630   Gene Symbol INS   Species Human   Specificity/Sensitivity The antibody C-PEP-01 reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule). No cross-reactivity with Insulin or other peptide hormones or proteins was observed.   Immunogen C-peptide (Human) conjugated to BSA.   Notes DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   Product Application Details ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Radioimmunoassay   Recommended Dilutions ELISA, Immunochistochemistry, Immunocytochemistry/ Immunofluorescence,	Conjugate	DyLight 405
Product Description Mouse   Host Mouse   Gene ID 3630   Gene Symbol INS   Species Human   Specificity/Sensitivity The antibody C-PEP-01 reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule). No cross-reactivity with Insulin or other peptide hormones or proteins was observed.   Immunogen C-peptide (Human) conjugated to BSA.   Notes DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   Product Application Details ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry. Paraffin, Radioimmunoassay   Recommended Dilutions ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunofluores	Purity	Protein A or G purified
HostMouseGene ID3630Gene SymbolINSSpeciesHumanSpecificity/SensitivityThe antibody C-PEP-01 reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule). No cross-reactivity with Insulin or other peptide hormones or proteins was observed.ImmunogenC-peptide (Human) conjugated to BSA.NotesDyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.Product Application DetailsELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry. Immunocytochemistry, Immunofluorescence, Remounding the section of the prosence of the section o	Buffer	50mM Sodium Borate
Gene ID 3630   Gene Symbol INS   Species Human   Specificity/Sensitivity The antibody C-PEP-01 reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule). No cross-reactivity with Insulin or other peptide hormones or proteins was observed.   Immunogen C-peptide (Human) conjugated to BSA.   Notes DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   Product Application Details ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry.Paraffin, Radioimmunoassay   Recommended Dilutions ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Recommended Dilutions	Product Description	
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Species Human   Specificity/Sensitivity The antibody C-PEP-01 reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule). No cross-reactivity with Insulin or other peptide hormones or proteins was observed.   Immunogen C-peptide (Human) conjugated to BSA.   Notes DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   Product Application Details ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Saya   Recommended Dilutions ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Report of the Saya	Gene ID	3630
Specificity/Sensitivity The antibody C-PEP-01 reacts specifically with C-peptide, a part of the Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule). No cross-reactivity with Insulin or other peptide hormones or proteins was observed.   Immunogen C-peptide (Human) conjugated to BSA.   Notes DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   Product Application Details ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Immunofluorescence, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunofluorescence,	Gene Symbol	INS
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Notes DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   Product Application Details ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Radioimmunoassay   Recommended Dilutions ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Recommended Dilutions	Specificity/Sensitivity	Proinsulin molecule. Proinsulin consists of the three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the Insulin molecule). No cross-reactivity with Insulin or other peptide
DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   Product Application Details   Applications ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Radioimmunoassay   Recommended Dilutions ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence,	Immunogen	C-peptide (Human) conjugated to BSA.
ApplicationsELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, RadioimmunoassayRecommended DilutionsELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence,	Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
Immunohistochemistry-Paraffin, Radioimmunoassay     Recommended Dilutions   ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence,	Product Application Details	
	Applications	
	Recommended Dilutions	





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#### Products Related to NB500-413V

NBP1-97005V-0.5ml	Mouse IgG1 Isotype Control (MG1) [DyLight 405]
NB500-413UV	Proinsulin Antibody (C-PEP-01) [DyLight 350]
236-EG-200 E	EGF [Unconjugated]
1336-PN-050	Proinsulin

#### 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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