

Product Datasheet

C-Peptide Antibody (CII-29) - BSA Free NBP1-05439

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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NBP1-05439

C-Peptide Antibody (CII-29) - 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	CII-29
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Product Description	
Host	Mouse
Gene ID	3630
Gene Symbol	INS
Species	Mouse, Rat
Specificity/Sensitivity	Reacts with rat c-peptide I, rat c-peptide II, mouse c-peptide I, mouse c-peptide II and rat proinsulin.
Immunogen	Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with fragments of rat C-peptides I and II conjugated with the carrier protein.
Product Application Details	
Applications	ELISA, Immunoassay, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Sandwich ELISA
Recommended Dilutions	ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunoassay, Sandwich ELISA 1:100-1:2000
Application Notes	Can be used for separate or consistent detection of rat C-peptide isoforms (rat C-peptide I and/or rat C-peptide II) in biological samples. The C-Peptide Antibody (CC27) NBP1-05434 can be use as the capture antibody with the use of detection antibody C-Peptide Antibody (CII-29) NBP1-05439 in Sandwich ELISA. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 28988715). Use in IP reported in scitific publication PMID: 32433667

Publications

Viviano J, Brecker M, Ferrara-Cook C et al. ERp29 as a regulator of Insulin biosynthesis PLoS ONE 2020-05-20 [PMID: 32433667] (IP, Mouse)

Amatya C, Radichev IA, Ellefson J et al. Self-Transducible Bimodal PDX1-FOXP3 Protein Lifts Insulin Secretion and Curbs Autoimmunity, Boosting Tregs in Type 1 Diabetic Mice. Mol. Ther. 2018-01-03 [PMID: 28988715] (ICC/IF, Rat)





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Products Related to NBP1-05439

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
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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