

Product Datasheet

C-Peptide Antibody (CC34) - BSA Free NBP1-05433

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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NBP1-05433

C-Peptide Antibody (CC34) - 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	CC34
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
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	Reacts with rat c-peptide I, rat c-peptide II, mouse c-peptide II and mouse c-peptide I. Does not react with 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, Immunohistochemistry, Immunohistochemistry-Frozen, Sandwich ELISA
Recommended Dilutions	ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunohistochemistry-Frozen 1:10 - 1:500, 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 (CC34) NBP1-05433 can be use as the capture antibody with the use of detection antibody C-Peptide Antibody (CII-11) NBP1-05432 in Sandwich ELISA.

Publications

Naoaki Sakata, Gumpei Yoshimatsu, Ryo Kawakami, Shohta Kodama Influence of relatively short-term culture on adult porcine islets for xenotransplantation Scientific Reports 2024-05-21 [PMID: 38773268]

Sakata N, Yoshimatsu G, Kawakami R et al. Optimal temperature for the long-term culture of adult porcine islets for xenotransplantation Frontiers in immunology 2023-10-13 [PMID: 37901206] (IHC, Mouse)

Cim A, Sawyer GJ, Xiaohong Z et al. In vivo studies on non-viral transdifferentiation of liver cells towards pancreatic beta cells J Endocrinol 2012-06-08 [PMID: 22685335] (IHC-Fr, Rat)





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Products Related to NBP1-05433

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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