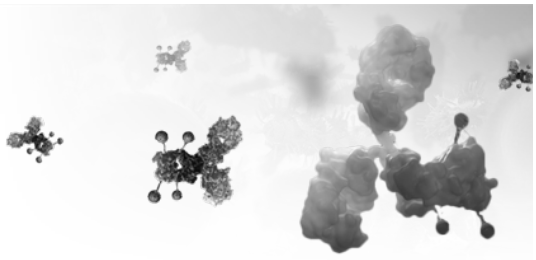

Anti-C-peptide monoclonal antibody, clone B178M (DMAB1158MR)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Recognizes C-terminal of rat C-peptide I and II. Cross reacts with mouse C-peptide I. Weak crossreactivity with mouse C-peptide II. Does not crossreact with rat proinsulin.
Immunogen	Synthetic peptide fragments of rat C-peptides I and II conjugated with a carrier protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	B178M
Purification	>90% pure (SDS-PAGE). Protein A chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and Sandwich type immunoassay. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended antibody pairs for immunoassay. Crossreactivity of the recommended pairs with native rat proinsulin is <0.1%. To detect Rat C-peptide I & II: Capture Detection E01247M E01237M To detect Rat C-peptide I: Capture Detection E01247M E86061M E01247M E01241M To detect Rat C-peptide II:

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	Capture Detection E01247M E01242M E01247M E01243M Suggested pair for testing (Capture - Detection): DMAB1158MR - DMAB1148MR
Format	Purified, Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS, pH 7.4
Preservative	None
Storage	Store at 2-8°C.

GENE INFORMATION

Gene Name	Ins1 insulin 1 [Rattus norvegicus]
Official Symbol	Ins1
Synonyms	Ins1; insulin1
Entrez Gene ID	24505
Protein Refseq	NP_062002
UniProt ID	P01322
Chromosome Location	1q54-q55
Pathway	Aldosterone-regulated sodium reabsorption; Developmental Biology; Diabetes pathways; IRS activation; IRS-mediated signaling; IRS-related events; Insulin Synthesis and Processing; Insulin receptor signalling cascade; Insulin signaling pathway; Maturity onset diabetes of the young; Metabolism; Oocyte meiosis; PI3K Casc
Function	chaperone binding; hormone activity; insulin receptor binding; protease binding

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