



# DataSheet

**CATALOGUE #:** 2PR8

**PRODUCT NAME:** Monoclonal mouse anti-rat proinsulin

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**MAbs:** CCI-17

Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with fragment of rat proinsulin conjugated with a carrier protein.

**Specificity:** Rat proinsulin

**MAB isotypes:** IgG1 for MAb CCI-17

**Applications:** MAb recognizes rat proinsulin in ELISA and Sandwich type immunoassay. MAb binds specifically to proinsulin and does not bind to insulin or C-peptide.

For sandwich immunoassay it is recommended to use MAb in pair with MAbs specific to N-terminal part of C-peptides I and II (see also the data sheet for Cat.# 213).

The recommended pair for sandwich-type rat proinsulin I and II immunoassay is (capture-detection): CCI-17 – CII-55 (Cat.# 213)

**Purification:** Protein A chromatography

**Presentation:** PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>)

**Storage:** +4 °C (+2 ... +8 °C allowed)

**Material safety note:** This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.

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