

**CATALOGUE #:** 2I1

**PRODUCT NAME:** Monoclonal mouse anti-human insulin

<b>Recombinant MAbs:</b>	<b>RC3A6, RC8E2</b> Recombinant chimeric antibody expressed in a mammalian cell line. Composed of original wild type variable domains of mouse derived MAb and human IgG1 constant domains.
<b>MAbs <i>in vitro</i>:</b>	<b>D4B8cc</b> Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of X63-Ag8-653 myeloma cells with spleen cells of Balb/c mice.
<b>MAbs <i>in vivo</i>:</b>	<b>C7C9, 7F8</b> Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of X63-Ag8-653 myeloma cells with spleen cells of Balb/c mice.
<b>Immunogen:</b>	Purified human insulin
<b>Specificity:</b>	Insulin, human MAbs cross-react with human proinsulin, bovine insulin (30%) and porcine insulin. MAbs are not cross-reacting with free C-peptide.
<b>MAb isotypes:</b>	<b>IgG1</b> for RC3A6, RC8E2, D4B8cc, C7C9, 7F8
<b>Applications:</b>	Recommended pairs for sandwich immunoassay (capture-detection): RC3A6 – RC8E2 7F8 – D4B8cc MAb D4B8cc can be used in immunohistochemistry on frozen sections.
<b>Purification:</b>	Protein A chromatography
<b>Presentation:</b>	PBS, pH 7.4, 0.09 % sodium azide (NaN <sub>3</sub> ) for D4B8cc, C7C9, 7F8 50 mM sodium citrate, 150 mM NaCl, pH 6.0, 0.09 % sodium azide (NaN <sub>3</sub> ) for RC3A6, RC8E2
<b>Storage:</b>	+4 °C (+2 ... +8 °C allowed)
<b>Material safety note:</b>	This product is sold <b>for research or further manufacturing use only</b> . 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.