



DataSheet

CATALOGUE #: 211

PRODUCT NAME: Monoclonal mouse anti-human insulin

MAbs <i>in vitro</i>:	D4B8cc Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of X63-Ag8-653 myeloma cells with spleen cells of Balb/c mice.
MAbs <i>in vivo</i>:	C7C9, 7F8 Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of X63-Ag8-653 myeloma cells with spleen cells of Balb/c mice.
Immunogen:	Purified human insulin for D4B8cc, C7C9, 7F8
Specificity:	Insulin, human MAb C7C9 reacts with C-terminal pentapeptide of insulin β -chain. MAbs 7F8 and D4B8cc react with different antigenic determinants. MAbs cross-react with human proinsulin, bovine insulin (30%) and porcine insulin. No cross-reaction with free C-peptide.
MAb isotypes:	IgG1, kappa for MAbs C7C9, 7F8, D4B8cc
Applications:	Recommended pair for sandwich immunoassay (capture-detection): 7F8 - D4B8cc. MAb D4B8cc can be used in immunohistochemistry on frozen sections.
Purification:	Protein A chromatography
Presentation:	PBS, pH 7.4, 0.09 % sodium azide (NaN ₃)
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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