



DataSheet

CATALOGUE #: 211

PRODUCT NAME: Monoclonal mouse anti-human insulin

MAbs: C7C9, 7F8, 3A6, 8E2

Hybridoma clones have been derived from hybridization of X63-Ag8-653 myeloma cells with spleen cells of Balb/c mice immunized with purified human insulin.

Specificity: Insulin, human

MAb C7C9 reacts with C-terminal pentapeptide of insulin β -chain. MAbs 7F8, 3A6 and 8E2 react with different antigenic determinants.

These antibodies 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, 3A6, 8E2

Applications: Recommended pair for sandwich immunoassay (capture-detection): 3A6 - 8E2

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 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.