



DataSheet

CATALOGUE #: 2PL7

PRODUCT NAME: Monoclonal mouse anti-prolactin

MAbs *in vitro*: 8C3cc

Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

MAbs *in vivo*: 1B2, 4G1

Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen: Native human prolactin

Mab isotypes: IgG1 for 4G1, 8C3cc
IgG2a for 1B2

Applications: Recommended pairs for sandwich immunoassay (capture-detection):

1 step ELISA:

4G1 – 8C3cc

1B2 – 4G1

1B2 – 8C3cc

8C3cc – 4G1

Purification: Protein A chromatography for 8C3cc

Ion-exchange chromatography for 1B2, 4G1

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃) for 8C3cc

PBS, pH 7.5, 0.05 % sodium azide (NaN₃) for 1B2, 4G1

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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