

CATALOGUE #: 2PL7

PRODUCT NAME: Monoclonal mouse anti-prolactin

MAbs *in vitro*: 8C3cc, 4G1cc

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

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 8C3cc, 4G1cc
IgG2a for 1B2

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

1 step ELISA:
4G1cc – 8C3cc
1B2 – 4G1cc
1B2 – 8C3cc
8C3cc – 4G1cc

Purification: Protein A chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃) for 8C3cc, 1B2
50 mM sodium citrate, 150 mM NaCl, pH 6.0, 0.09 % sodium azide (NaN₃) for 4G1cc

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.