CATALOGUE #: **4C29**

PRODUCT NAME: **Monoclonal mouse anti-CA125**

Recombinant MAbs:
RX16
Recombinant antibody expressed in a mammalian cell line. Composed of original wild type variable domains of mouse derived MAb and mouse IgG1 constant domains.

MAbs *in vitro*:
X306cc, X52cc
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*:
X75, X325
Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen:
CA125 antigen purified from human ovarian carcinoma (MW > 1 MDa)

Specificity:
CA125 antigen.

Epitope specificity group A (ISOBM classification) similar to OC125 for RX16, X306cc.

Epitope specificity group B (ISOBM classification) similar to M-11 for X52cc, X75, X325.

MAb isotypes:
IgG1 for RX16, X306cc, X52cc, X75, X325

Applications:
Detection of CA125 antigen. Suggested pairs for sandwich immunoassay:

Capture	Detection
RX16	X52cc
RX16	X325
RX16	X75
X306cc	X52cc
X306cc	X325
X306cc	X75

MAbs are working in Western blotting. X325 can be used in immunohistochemistry on paraffin embedded tissue.

Purification:
Protein A chromatography

Presentation:
PBS, pH 7.4, 0.09 % sodium azide (NaN_3) for RX16, X306cc, X52cc

50 mM sodium citrate, 150 mM NaCl, pH 6.0, 0.09 % sodium azide (NaN3) for X75, X325

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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