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. MAbs X52cc, X75, X325: epitope specificity group B (ISOBM classification) similar to M-11. MAb X306cc, RX16: epitope specificity group A (ISOBM classification) similar to OC125.
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 All MAbs are working in Western blotting. MAb X325 can be used in immunohistochemistry on paraffin embedded tissue.
Purification:	Protein A chromatography for RX16, X306cc, X52cc Ion exchange chromatography for X75, X325
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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