

CATALOGUE #: 4C29

PRODUCT NAME: Monoclonal mouse anti-CA125

Recombinant MAb:	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 <i>in vitro</i>:	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 <i>in vivo</i>:	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
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 (NaN ₃) 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.