



# DataSheet

**CATALOGUE #:** 4C29

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

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**MAbs *in vitro*:** X306cc, X52cc

**MAbs *in vivo*:** X75, X325

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with 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: epitope specificity group A (ISOBM classification) similar to OC125.

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

**Applications:** Detection of CA125 antigen. Suggested pairs for sandwich immunoassay (capture-detection):

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 X306cc, X52cc

Ion exchange chromatography for X75, X325

**Presentation:** PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>) for X306cc, X52cc

10 mM Tris, pH 7.5, 0.15 M NaCl, 0.05 % sodium azide (NaN<sub>3</sub>) 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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