

CATALOGUE #: 4C29

PRODUCT NAME: Monoclonal mouse anti-CA125

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 (NaN₃)

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.