



# DataSheet

**CATALOGUE #:** 4C29

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

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**MAbs:** X75, X306, X325, X52

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 X52, X75, X325: epitope specificity group B (ISOBM classification) similar to M-11.

MAb X306: epitope specificity group A (ISOBM classification) similar to OC125.

**MAb isotypes:** IgG1 for all MAbs

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

X306 – X52

X306 – X325

X306 – X75

All MAbs are working in Western blotting. MAb X325 can be used in immunohistochemistry on paraffin embedded tissue (see pictures below).

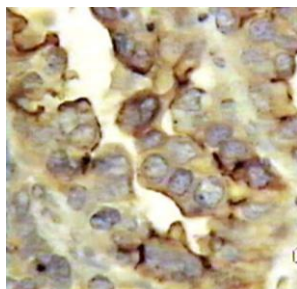
**Purification:** Ion exchange chromatography.

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

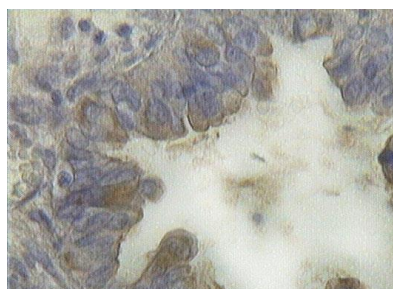
**Storage:** +4 °C (+2 ... +8 °C allowed)

**Material safety note:** This product is sold **for research use only**. Standard Laboratory Practices should be followed when handling this material.

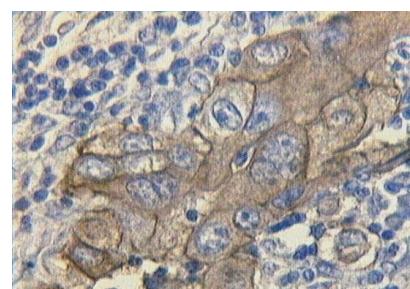
Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.



Immunostaining of CA125 antigen in lung adenocarcinoma by MAb X325



Immunostaining of CA125 antigen in serosal ovarian adenocarcinoma by MAb X325



Immunostaining of CA125 antigen in urinary bladder adenocarcinoma by MAb X325

**HyTest Ltd.**

Intelligent 1, 6th floor, Joukahaisenkatu 6

FI-20520 Turku FINLAND

www.hytest.fi | hytest@hytest.fi