



DataSheet

CATALOGUE #: 4PD4

PRODUCT NAME: Monoclonal mouse anti-human dimeric form of pregnancy-associated plasma protein A (dPAPP-A)

MAbs: PAPP2, PAPP30

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with purified human atherosclerotic tissue form of PAPP-A.

Specificity: Human recombinant PAPP-A and human endogenous PAPP-A from atherosclerotic tissue (dimeric form of PAPP-A). No cross-reactivity with human heterotetrameric complex of PAPP-A (PAPP-A/proMBP).

MAb isotypes: IgG1 for all MAbs

Applications: dPAPP-A immunoassays and immunoprecipitation.

Recommended pairs for specific detection of dPAPP-A antigen (capture - detection):

PAPP52 (Cat.# 4P41) – **PAPP30**

PAPP2 – 7A6 (Cat.# 4P41)

Please see Cat.# 4P41 Data Sheet for recommended pairs for detection of human htPAPP-A antigen and total PAPP-A (htPAPP-A and/or dPAPP-A).

Selective dPAPP-A immunodetection in Western blotting. MAb PAPP2 recognizes dPAPP-A in non-reducing conditions. No cross-reaction with human heterotetrameric complex of PAPP-A (PAPP-A/proMBP) was shown for this MAb in WB.

Purification: Chromatography on protein A Sepharose.

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 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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