DataSheet

HyTest

CATALOGUE #: **4CA30 / 4CA30cc**

PRODUCT NAME: **Monoclonal mouse anti-carcinoembryonic (CEA) antigen**

MAbs *in vitro* (Cat.# 4CA30cc): 3C8cc

MAbs *in vivo* (Cat.# 4CA30): 3C1, 3C6

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with human natural tumor-derived purified CEA antigen.

Specificity:
3C8cc: epitope specificity group V
3C6: epitope specificity group I
3C1: epitope specificity group IVa or II
Epitope specificity is given per ISOBM classification. MAbs are not cross-reacting with human leukocytes in cytofluorometry.

MAb isotypes: **IgG1** for 3C8cc, 3C1, 3C6

Applications:
3C6 can be used in immunohistochemistry.

3C1 and 3C6 are working in EIA. MAbs 3C1 and 3C6 are working in Western blotting.

Recommended pair for sandwich immunoassay (capture-detection): 3C6 – 3C1

Purification:
Protein A chromatography for 3C8cc

Ion exchange chromatography for 3C1, 3C6

Presentation:
PBS, pH 7.4, 0.09 % sodium azide (NaN3) for 3C8cc

10 mM Tris, pH 7.5, 0.15 M NaCl, 0.05 % sodium azide (NaN_3) for 3C1, 3C6

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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