



DataSheet

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 (NaN₃) for 3C1, 3C6

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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