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

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

MAbs *in vitro* (Cat.# 4CA30cc):	**3C6cc, 3C8cc, 3C10cc** Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.
MAbs *in vivo* (Cat.# 4CA30):	**3C1** Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.
Immunogen:	Human natural tumor-derived purified CEA antigen
Specificity:	3C6cc: epitope specificity group I 3C8cc: epitope specificity group V 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 3C6cc, 3C8cc, 3C10cc, 3C1
Applications:	3C6cc can be used in immunohistochemistry. 3C1 and 3C6cc are working in EIA. MAbs 3C1 and 3C6cc are working in Western blotting. Recommended pair for sandwich immunoassay (capture-detection): 3C6cc – 3C1
Purification:	Protein A chromatography for 3C6cc, 3C8cc, 3C10cc Ion exchange chromatography for 3C1
Presentation:	50 mM sodium citrate, 150 mM NaCl, pH 6.0, 0.09 % sodium azide (NaN_3) for 3C6cc, 3C10cc PBS, pH 7.4, 0.09 % sodium azide (NaN_3) for 3C8cc 10 mM Tris, pH 7.5, 0.15 M NaCl, 0.05 % sodium azide (NaN_3) for 3C1
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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