

CATALOGUE #: 4CA30 / 4CA30cc

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

MAbs <i>in vitro</i> (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 <i>in vivo</i> (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
Presentation:	50 mM sodium citrate, 150 mM NaCl, pH 6.0, 0.09 % sodium azide (NaN ₃) for 3C6cc, 3C10cc, 3C1 PBS, pH 7.4, 0.09 % sodium azide (NaN ₃) for 3C8cc
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.