

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

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

Recombinant MAbs (Cat.# 4CA30cc):	RE16 Recombinant monoclonal antibody expressed in a mammalian cell line.
MAbs <i>in vitro</i> (Cat.# 4CA30cc):	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:	MAb	Epitope specificity
	RE16	Group I
	3C8cc	Group V
	3C10cc	Group V
	3C1	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 RE16, 3C8cc, 3C10cc, 3C1

Applications: Recommended pair for sandwich immunoassay:

Capture	Detection
RE16	3C10cc
RE16	3C1

3C1 is working in Western blotting.

Purification: Protein A chromatography

Presentation: 50 mM sodium citrate, 150 mM NaCl, pH 6.0, 0.09 % sodium azide (NaN₃) for 3C10cc, 3C1
PBS, pH 7.4, 0.09 % sodium azide (NaN₃) for RE16, 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.