

**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 *in vitro***  
(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 *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:**

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 (NaN<sub>3</sub>) for 3C10cc, 3C1  
PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>) 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.