

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):**

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: RE16, 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 RE16, 3C6cc, 3C8cc, 3C10cc, 3C1

Applications: 3C6cc can be used in immunohistochemistry.
3C1 and 3C6cc are working in EIA. 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 (NaN₃) for 3C6cc, 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.