

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 pairs for sandwich immunoassay:

Capture	Detection
RE16	3C1
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.