



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## CEA, Carcinoembryonic Antigen, CD66e

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[nordicmubio.com/products/cea-carcinoembryonic-antigen-cd66e/CD66E2-5](http://nordicmubio.com/products/cea-carcinoembryonic-antigen-cd66e/CD66E2-5)

Catalog number: **CD66E2-5**

Clone	COL-1
Isotype	IgG2a, k
Units	5 ml
Host	Mouse
Application	Immunohistochemistry (frozen) Immunohistochemistry (paraffin)

### Background

CEA is frequently used as a differential marker for adenocarcinoma and mesothelioma. Carcinoembryonal Antigen (CEA) is a high molecular glycoprotein (180 kD), which is detected in foetal colon and in colorectal carcinoma. It is a component of the s. c. glycocalyx of the embryonal endodermal epithelium. In normal adult colon it is found in very small amount only. In colorectal carcinoma and metastases of intestinal carcinoma however, it is strongly expressed. Human CEA.

### Source

*Immunogen:* Colon carcinoma extract from human tissue

### Product

Purified antibody in PBS pH 7.3, contains BSA and sodium azide (0,09%)

*Purification Method:* Purified antibody in PBS pH 7.3, contains BSA and sodium azide (0,09%)

*Secondary Reagents:* We recommend the use of BIOLOGO's Universal Staining System DAB (Art. No. DA005) or AEC (Art.-No. AE005).

*Concentration:* 5 µg/ml

### Specificity

*Species Reactivity:* Human

## **Applications**

IHC(C, P)

*Incubation Time:* 60 min at RT

*Working Concentration:* (RTU)

*Pre-Treatment:* Improvement of staining with Unmasking Fluid G (Art. No. DE007) or Unmasking Fluid C (Art. No. DE000)

*Positive Control:* Colon carcinoma

## **Storage**

2-8°C

## **Caution**

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. It may contain hazardous ingredients. Please refer to the Safety Data Sheets (SDS) for additional information and proper handling procedures. Dispose product remainders according to local regulations. This datasheet is as accurate as reasonably achievable, but Exalpha Biologicals accepts no liability for any inaccuracies or omissions in this information.

## **References**

1. Sheahan K., O'Brien M.J., Burke B., Dervan P.A., O'Keane J.C., Gottlieb L.S. et al. (1990) Differential reactivities of carcinoembryonic antigen (CEA) and CEA-related monoclonal and polyclonal antibodies in common epithelial malignancies. *Am. J. Clin. Pathol.* 94; 157-164. . 2. Ghosh A.K., Gatter K.C., Dunnill M.S., Mason D.Y. (1987) Immunohistochemical staining of reactive Mesothelium, mesothelioma, and Lung carcinoma with a panel of monoclonal antibodies. *J. Clin. Pathol.* 40; 19-25. 3. Nap M., Hammarström M.-L., Börner O., Hammarström S., Wagener C., Handt S., et al. (1992) *Cancer Res.* 52; 23-39

## **Protein Reference(s)**

*Database Name:* UniProt

*Accession Number:* P06731

## **Safety Datasheet(s) for this product:**

NM\_Sodium Azide