



# Mouse Anti-Human CEA monoclonal antibody, clone 242-24992(UG4-I9-2-7.) (DCAB-TJ245)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Antibody recognizes human carcinoembryonic antigen and is cultured in vitro under conditions free from animal derived components.
<b>Specificity</b>	Cross-reactivity with human NCA-2 (non-specific cross-reacting antigen-2).
<b>Immunogen</b>	Human carcinoembryonic antigen
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	242-24992(UG4-I9-2-7. )
<b>Purification</b>	Purity ≥ 95 %
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(Det), ELISA(Cap) We recommend the following for sandwich ELISA (Capture - Detection): DCAB-TJ245-DCAB-TJ244, DCAB-TJ244-DCAB-TJ245
<b>Epitope</b>	Epitope group F
<b>Procedure</b>	Cardiac markers Antibodies
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific

<b>Size</b>	1 mg
<b>Buffer</b>	0.9 % NaCl, 0.095 % NaN <sub>3</sub> as a preservative
<b>Preservative</b>	0.095% sodium azide
<b>Storage</b>	Store at 2 - 8°C.
<b>Ship</b>	Wet ice
<b>Warnings</b>	This product is for research use only and is not intended for diagnostic use.

## BACKGROUND

<b>Introduction</b>	Carcinoembryonic antigen (CEA) is a glycoprotein involved in cell adhesion. It is normally produced during fetal development, but the production of CEA stops before birth. Therefore, it is not usually present in the blood of healthy adults, but elevated levels have been found in individuals with carcinomas. CEA measurement is mainly used as a tumor marker to identify recurrences after surgical resection. CEA levels may also be raised in some non-neoplastic conditions like ulcerative colitis, pancreatitis, and cirrhosis.
<b>Keywords</b>	CEACAM5;carcinoembryonic antigen-related cell adhesion molecule 5;CEA;CD66e;meconium antigen 100;Carcinoembryonic Antigen

## GENE INFORMATION

<b>Gene Name</b>	CEACAM5
<b>Entrez Gene ID</b>	<a href="#">1048</a>
<b>UniProt ID</b>	<a href="#">A0A024R0K5</a>