



# Mouse Anti-Human CA 242 monoclonal antibody, clone 2C2 (DMABRM096T)

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

## PRODUCT INFORMATION

Product Overview	Purified mouse monoclonal antibody to CA 242.
Immunogen	Purified CA 242 protein.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2C2
Purification	≥ 95 %
Conjugate	Unconjugated
Applications	ELISA(Det)
Format	Liquid
Concentration	Lot specific
Buffer	10 mM Phosphate Buffered Saline, 150mM NaCl, pH 7.4
Preservative	None
Storage	Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage. Avoid repeated freeze/thaw cycles.

## BACKGROUND

**Introduction**

The tumor marker CA242 is defined by the monoclonal antibody C242. The chemical structure of the antigenic determinant is not exactly known, but the determinant have been shown to be a sialylated carbohydrate structure. In serum, CA242 is found on the same mucin-complex as CA50 and sialylated Lewisa (CA19-9). Thus, CA242 is related, but not identical to the epitope of CA19-9. Serum levels of CA242 are low in healthy subjects and subjects with benign diseases, while elevated levels are commonly found in serum from patients with gastrointestinal cancer. The CA242 marker may be used as an aid in the diagnosis and management of patients with known or suspected gastrointestinal carcinomas. The CA242 EIA should not be used as a substitute for any established clinical examination of malignancy, but may be used as a complement to existing clinical and laboratory methods.

**Keywords**

Cancer Antigen 242;CA 242;Carbohydrate Antigen 242;Cancer Antigen;Carbohydrate Antigen;CA242;CA24-2