

Anti-h CA242 NA002602 SPTN-5

Product overview

Catalog number	C-10-0066
Specificity	Antibody recognizes human CA242 (Carbohydrate Antigen 242)
Description	Monoclonal mouse antibody cultured in vitro under conditions free from animal-derived components.
Product buffer solution	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.1% ProClin™ 300 as a preservative
Shelf life and storage	Unspecified, storage at 2–8 °C
Subclass	IgG ₁
Analyte description	CA242 is a kind of sialic acid carbohydrate and one of the glycosphingolipid tumor markers. CA242 has a relatively high diagnostic sensitivity for pancreatic cancer and rectal cancer. It could also be used for the differential diagnosis of lung cancer, evaluating the prognosis, monitoring the effect of tumor treatment and the recurrence of tumors.

Parameters tested on each lot

Product appearance	Liquid, may turn slightly opaque during storage
Product concentration	5.0 mg/ml (+/- 10%)
Immunoreactivity	80–120% compared to the reference sample in a CLIA test
IEF Profile	Not Determined (N/D)
Purity	≥ 95 %

Kinetic parameters

Association rate constant	N/D
Dissociation rate constant	N/D
Affinity constant	N/D
Determination method	-
Determination antigen	-



Cross-reactivities -

Epitope N/D

Pair recommendations

		DETECTION	
		NA002601	NA002602
CAPT URE	NA002601	-	+
	NA002602	+	-

Please note that pair recommendations are based on results obtained by our laboratory. Equally good results may be obtained using other pairs and therefore these recommendations are only indicative.

Platforms tested **ELISA, CLIA**

Antigens tested C-40-0081 Carbohydrate antigen 242, CA242

Product stability	TEMPERATURE, TIME	RESULT
	-70 °C, 21 days	N/D
	-20 °C, 21 days	N/D
	+4 °C, 21 days	N/D
	+35 °C, 21 days	N/D
	+45 °C, 7 days	N/D

Stability testing is performed in the product buffer to see whether different temperatures affect the antigen binding, charge or composition of the antibody. Please note that the shelf life given on the first page is based on real time stability testing at 2–8 °C in the product buffer.

Miscellaneous -

References -

