

Anti-h CA50 NA002701 SPTN-5

Product overview

Catalog number	C-10-0067
Specificity	Antibody recognizes human CA50 (Carbohydrate Antigen 50)
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	CA50 is a kind of glycoprotein - like antigen. It could be used for diagnosis, differential diagnosis, treatment monitoring, and prognosis evaluation of tumors. It needs to be combined with other clinical examination results and the patient's specific condition for comprehensive analysis to make an accurate judgment.

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	
		NA002701	NA002702
CAPT TURE	NA002701	-	+
	NA002702	+	-

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-40-0080 Carbohydrate antigen 50, CA50

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 -

