

AM09238PU-N

Monoclonal Antibody to CA50 - Aff - Purified

Alternate names:

Cancer Antigen 50, Carbohydrate antigen CA50, Tumour marker CA 50

Quantity:

0.5 mg

Background:

Cancer antigen 50 (CA50), a carcinoma associated carbohydrate antigen, has been found to be elevated in the blood of patients with colorectal cancer and other malignancies. CA50 has been evaluated in various studies for use as a tumor marker for cancer diagnosis. Results showed that CA50 was marginally useful for the diagnosis and very useful for the follow-up study of patients with pancreatic cancer.

Host / Isotype:

Mouse / IgG3

Clone:

93

Immunogen:

Human CA50 protein.

Format:

State: Lyophilized purified Ig fraction.

Purification: Affinity Chromatography on Protein G

Buffer System: 0.01M PBS, pH 7.2 without preservatives.

Reconstitution: Restore with Double distilled water to adjust the final concentration to 1.0 mg/ml.

Applications:

ELISA: Use of CA50 antibody (clone 93) at concentration a of 0.2 ng/ml can recognize coated 1 µg/ml of CA50/well.

Immunocytochemistry/Immunofluorescence: Metanol-fixed Hela cells were stained successfully with clone 93 at 10 µg/m.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

React with Human CA50. Other species not tested.

Storage:

Upon receipt, store undiluted (in aliquots) at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

Staining of methanol-fixed Hela cells by Immunocytochemistry using anti-CA50 antibody (Clone 93) at 10 µg/ml.

