

Product datasheet for **AM09238PU-N**

CA50 Mouse Monoclonal Antibody [Clone ID: 93]

Product data:

Product Type:	Primary Antibodies
Clone Name:	93
Applications:	ELISA, IF
Recommended Dilution:	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.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG3
Clonality:	Monoclonal
Immunogen:	Human CA50 protein.
Specificity:	React with Human CA50. Other species not tested.
Formulation:	0.01M PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore with Double distilled water to adjust the final concentration to 1.0 mg/ml.
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
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.
Synonyms:	Carbohydrate antigen CA50, Tumour marker CA 50, Cancer Antigen 50



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Product images:

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