Human CA19-9
Alexa Fluor® 647-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 1031516

Catalog Number: FAB10625R

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects Human CA19-9 in ELISAs.
Source	Monoclonal Mouse IgG_{2A} Clone # 1031516
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human CA19-9 from Capan-2 human pancreatic adenocarcinoma cell line
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10^6 cells	Capan-2 human pancreatic adenocarcinoma cell line

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** • 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

CA19-9 (sialylated Lewis a antigen) is a serum tumor marker for pancreatic cancer diagnosis. It is also used for monitoring therapy in patients with pancreatic adenocarcinoma. CA19-9 is synthesized by normal pancreatic and biliary ductal cells and by gastric, colon, endometrial and saliva epithelia. In a normal patient, it is present in small amounts in serum. The plasmatic levels of CA19-9 are greatly increased in neoplastic disease.

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