



Datasheet for ABIN6941361 anti-CA 19-9 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	CA 19-9
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CA 19-9 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF), Immunostaining (Ist)

Product Details

Immunogen:	Precipitin lines obtained after immuno-diffusion using MAb 116-NS-19-9 and mucins isolated from an ovarian cyst of a Lewis A+B- patient (0Le).
Clone:	SPM588
Isotype:	IgM kappa
Specificity:	CA19-9, a carbohydrate epitope expressed on a high MW (400 kDa) mucin glycoprotein, is a sialyl Lewis _a structure which is synthesized from type 1 blood group precursor chains and is present in individuals expressing the Lewis _a and/or Lewis _b blood group antigens. In normal tissues, sialyl Lewis _a antigen is present in ductal epithelium of the breast, kidney, salivary gland, and sweat glands. Its expression is greatly enhanced in serum as well as in the majority of tumor cells in gastrointestinal (GI) carcinomas, including adenocarcinomas of the stomach, intestine, and pancreas. Preoperative elevated CA19-9 levels in patients with stage I pancreatic carcinoma decrease to normal values following surgery. When used serially, CA19-9 can predict

Product Details

recurrence of disease prior to radiographic or clinical findings. This MAb is superb for staining of formalin-fixed, paraffin-embedded tissues.

Target Details

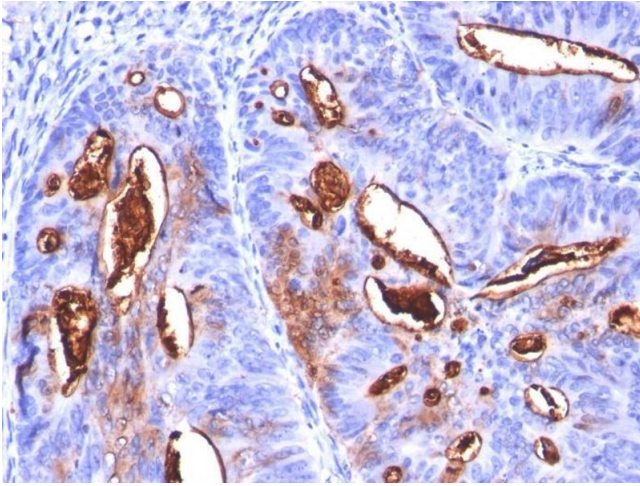
Target:	CA 19-9
Alternative Name:	CA19-9/Sialyl Lewisa (GI Tumor Marker) (CA 19-9 Products)
Molecular Weight:	>400kDa

Application Details

Application Notes:	Positive Control: Stomach. Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1.0 µg/mL for 30 minutes at RT)(No special pretreatment is required for the immunohistochemical staining of formalin-fixed, paraffin-embedded tissues.)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CA19-9 Monoclonal Antibody (SPM588).