

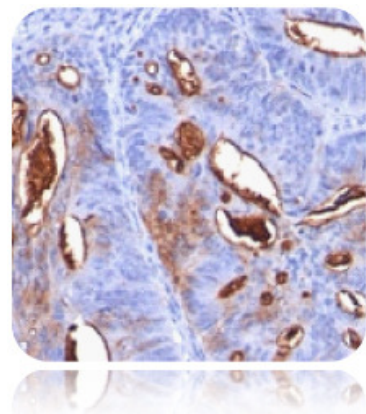
CA19-9; Clone 121SLE (Ready-To-Use)

Availability/Contents:	<u>Item #</u>	<u>Volume</u>
	A00107-0002	2 ml
	A00107-0007	7 ml
	A00107-0025	25 ml

Description:


Species:	Mouse
Immunogen:	Precipitin lines obtained after immunodiffusion using MAb 116-NS-19-9 and mucins isolated from an ovarian cyst of a Lewis A+B- patient (0Le) were used as immunogen for this CA19-9 antibody.
Clone:	121SLE
Isotype:	IgM, Kappa
Format:	This antibody has been pre-titrated and quality controlled to work on formalin-fixed paraffin-embedded as well as acetone fixed cryostat tissue sections. No further titration is required. CA19-9, a carbohydrate epitope expressed on a high MW (>400kDa) 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 recurrence of disease prior to radiographic or clinical findings.
Specificity:	
Species Reactivity:	Human
Cellular Localization:	Luminal surface and cytoplasm.
Titer/Working Dilution:	No further dilution is required.
Microbiological State:	This product is not sterile.

Uses/Limitations: Not to be taken internally.
For Research Use Only.
This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
Do not use if reagent becomes cloudy.
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile.




Ordering Information and Current Pricing at www.scytek.com

Storage: 2° C  8° C

 ScyTek Laboratories, Inc.
205 South 600 West
Logan, UT 84321
U.S.A.

CE

 EmergoEurope (31)(0) 70 345-8570
Molsnstraat 15
2513 BH Hague, The Netherlands

Procedure:

1. **Tissue Section Pretreatment:** Staining of formalin fixed, paraffin embedded tissue sections is enhanced by pretreatment with Citrate Plus (ScyTek catalog# CPL500) or 10mM citrate buffer, pH 6.0 (ScyTek Catalog# CBB500, see IFU for instructions).
2. **Primary Antibody Incubation Time:** We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user.
3. **Visualization:** For maximum staining intensity we recommend the “UltraTek HRP Anti-Polyvalent Lab Pack” (ScyTek catalog# UHP125, see IFU for instructions) combined with the “DAB Chromogen/Substrate Bulk Pack (High Contrast)” (ScyTek catalog# ACV500, see IFU for instructions).

Precautions: Contains Sodium Azide as a preservative (0.09% w/v).
Do not pipette by mouth.
Avoid contact of reagents and specimens with skin and mucous membranes.
Avoid microbial contamination of reagents or increased nonspecific staining may occur.
This product contains no hazardous material at a reportable concentration according to U.S. 29 CFR 1910.1200, OSHA Hazardous Communication Standard and EC Directive 91/155/EC.

References:

1. Nomoto S; Nakao A; Ichihara T; Takagi H. Hepato-Gastroenterology, 1995 Sep-Oct, 42(5):717-23.
2. Webb A; Scott-Mackie P; Cunningham D; Norman A; Andreyev J; O'Brien M; Bensted J. European Journal of Cancer, 1996 Jan, 32A(1):63-8.
3. Tsuruta T; Ogawa A; Ishii K; Ikado S. Urologia Internationalis, 1997, 58(1):20-4.
4. van den Bosch RP; van Eijck CH; Mulder PG; Jeekel J. Hepato-Gastroenterology, 1996 May-Jun, 43(9):710-3.
5. Kodera Y; Yamamura Y; Torii A; Uesaka K; Hirai T; Yasui K; Morimoto T; Kato T; Kito T. American J of Gastroenterology, 1996, 91:49-53.
6. Furuya N; Kawa S; Hasebe O; Tokoo M; Mukawa K; Maejima S; Oguchi H. British Journal of Cancer, 1996 Feb, 73(3):372-6.
7. Wang FM; Tsai LC; Chang ZN; Han SH; Tsao D. Proceedings of the National Science Council, Republic of China. Part B, Life Sciences, 1985 Apr, 9(2):119-25.

Warranty:

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