

Product Datasheet

CA19-9/Sialyl Lewis A Antibody (121SLE) NBP2-45188-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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Publications: 1

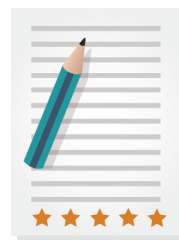
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NBP2-45188-0.1mg

CA19-9/Sialyl Lewis A Antibody (121SLE)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	121SLE
Preservative	0.05% Sodium Azide
Isotype	IgM Kappa
Purity	Protein L or PEG purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	400 kDa

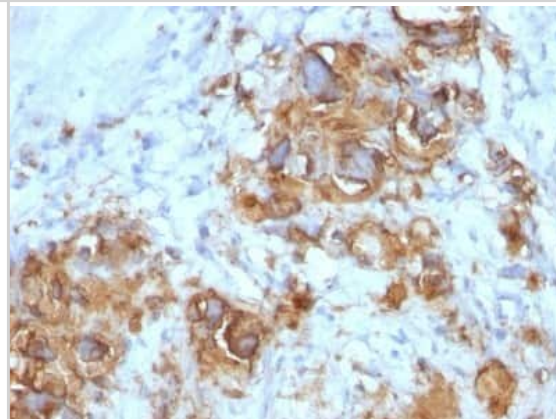
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0 mg/ml. (NBP2-54349) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Species	Human
Marker	GI Tumor Marker
Specificity/Sensitivity	CA19-9, a carbohydrate epitope expressed on a high MW (400kDa) mucin glycoprotein, is a sialyl Lewis 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. This monoclonal antibody is excellent for staining of formalin-fixed, paraffin-embedded tissues.
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).

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.



Images

Immunohistochemistry-Paraffin: CA19-9/Sialyl Lewis A Antibody (121SLE) [NBP2-45188] - Human Gastric Carcinoma stained with CA19-9 Monoclonal Antibody (121SLE).



Publications

Walker MR, Goel HL, Mukhopadhyay D et al. O-linked alpha 2,3 sialylation defines stem cell populations in breast cancer Science advances 2022-01-07 [PMID: 34995107]



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Products Related to NBP2-45188-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96975-0.5mg	Mouse IgM Kappa Light Chain Isotype Control (MMK)
NBP2-59963-1Kit	Human CA19-9/Sialyl Lewis A ELISA Kit (Colorimetric)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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