

Product Datasheet

CA19-9/Sialyl Lewis A Antibody (121SLE) [Alexa Fluor® 700]

NBP2-54349AF700

Unit Size: 100 ul

Store at 4C in the dark.

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Updated 9/10/2023 v.20.1

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CA19-9/Sialyl Lewis A Antibody (121SLE) [Alexa Fluor® 700]

| Product Information | |
|-------------------------|--|
| Unit Size | 100 ul |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | 121SLE |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgM Kappa |
| Conjugate | Alexa Fluor 700 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| 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 MAb 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). |
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| Product Application Details | |
|-----------------------------|---|
| Applications | Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |



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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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