

Technical Data Sheet

InVivoMAb anti-human CA19-9



Attention: Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at <https://bioxcell.com/terms-and-conditions>.

Lot Specific Information

Lot Number: Lot Specific*
Volume: Lot Specific*
Concentration: Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein: Lot Specific*

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number: **BE0355**
Clone: **1116-NS-19-9**
Isotype: Mouse IgG1, κ
Recommended Isotype Control(s): InVivoMAb mouse IgG1 isotype control, unknown specificity
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Immunogen: SW1116 human colon carcinoma cells
Reported Applications: Immunohistochemistry (paraffin)
Immunofluorescence
Flow cytometry
Formulation: PBS, pH 7.0
Contains no stabilizers or preservatives
Endotoxin: <2EU/mg (<0.002EU/ μ g)
Determined by LAL gel clotting assay
Purity: >95%
Determined by SDS-PAGE
Sterility: 0.2 μ m filtration
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_2894774](https://abnova.com/AB_2894774)
Molecular Weight: 150 kDa

Description

The 1116-NS-19-9 monoclonal antibody reacts with carbohydrate antigen 19-9 (CA19-9), a tetrasaccharide also known as sialylated Lewis a-antigen. CA19-9 is synthesized by glycosyltransferases that sequentially link the monosaccharide precursors onto both N-linked and O-linked glycans. CA19-9 is attached to many different proteins, including mucins, carcinoembryonic antigen, and circulating apolipoproteins. CA19-9 is not found at a high level in normal tissues, but it is found in embryonic tissue and overexpressed in certain cancers, particularly pancreatic cancer. Elevated CA19-9 levels in patients with stage I pancreatic cancer typically decrease to normal levels following surgery.

Storage

Store at the stock concentration at 4°C. **Do not freeze.**

It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at <https://bioxcell.com/faqs>.

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

Application References

For a complete list of references, visit https://bioxcell.com/be0355?bxcs=9k1b3a#tab_references or scan the QR code below.



Bio X Cell, LLC

<https://bioxcell.com>

+1-866-787-3444

customerservice@bioxcell.com

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