10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CA19-9 / Sialyl Lewisa (GI Tumor Marker) Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone SPM588]
Catalog # AH12933

Specification

CA19-9 / Sialyl Lewisa (GI Tumor Marker) Antibody - With BSA and Azide - Product Information

Application	**IHC, IF, FC**
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse / IgM, kappa**
Calculated MW	**>400kDa KDa**

CA19-9 / Sialyl Lewisa (GI Tumor Marker) Antibody - With BSA and Azide - Additional Information

Application Note
IHC~~1:100~500<br \>IF~~1:50~200<br \>FC~~1:10~50

Storage
Store at 2 to 8°C.Antibody is stable for 24 months.

Precautions
CA19-9 / Sialyl Lewisa (GI Tumor Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

CA19-9 / Sialyl Lewisa (GI Tumor Marker) Antibody - With BSA and Azide - Protein Information

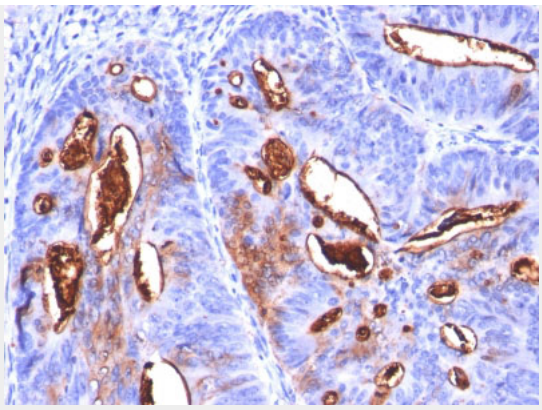
CA19-9 / Sialyl Lewisa (GI Tumor Marker) Antibody - With BSA and Azide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CA19-9 / Sialyl Lewisa (GI Tumor Marker) Antibody - With BSA and Azide - Images

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



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

CA19-9 / Sialyl Lewisa (GI Tumor Marker) Antibody - With BSA and Azide - Background

CA19-9, a carbohydrate epitope expressed on a high MW (>400kDa) mucin glycoprotein, is a sialyl Lewisa structure which is synthesized from type 1 blood group precursor chains and is present in individuals expressing the Lewisa and/or Lewisb blood group antigens. In normal tissues, sialyl Lewisa 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 superb for staining of formalin-fixed, paraffin-embedded tissues.

CA19-9 / Sialyl Lewisa (GI Tumor Marker) Antibody - With BSA and Azide - References

Norden R et al. Glycobiology 23:310-21 (2013)