

Mouse anti-Human, Mouse Lewis A Monoclonal Antibody

Lewis A (Blood Group Antigen) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62867	Mouse	Human, Mouse	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

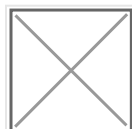
PRODUCT SYNONYMS

Lewis A; Monoclonal Antibody; Lewis A (Blood Group Antigen) Mouse Monoclonal Antibody; Lewis A antigen; anti-Lewis A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	SPM522
Specificity	Recognizes a carbohydrate determinant of Gal 1-3(Fuc 1-4) GlcNAc which is blood group antigen Lewis A. It is present primarily on epithelial cells such as colon and kidneys. In the tumors and dedifferentiated tissues, decrease of Lewis A antigen was observed. Lewis A (type 1 chain) is expressed in colonic epithelial cells and may be useful for detection of gastrointestinal tumors, pancreatic cancer, and colorectal tumors. Blood group related antigens represent a group of carbohydrate determinants carried on both glycolipids and glycoproteins. They are usually mucin-type, and are detected on erythrocytes, certain epithelial cells, and in secretions of certain individuals. Sixteen genetically and biosynthetically distinct but inter-related specificities belong to this group of antigens, including A, B, H, Lewis A, Lewis B, Lewis X, Lewis Y, and precursor type 1 chain antigens.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Applicable Applications for anti-Lewis A antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Cell Membrane, Cytoplasmic and Extracellular
Immunogen	Mucins isolated from ovarian cyst fluid
Positive Control	Colon tissue
Preparation and Storage	Antibody without azide - store at -20 to -80°C. Antibody is stable for up to 12 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Lewis A Monoclonal Antibody (SPM522).

ADDITIONAL INFORMATION

References	Blood transfusion and immunohaematology, Ph. Rouger, D Anstee and Ch. Salmon (Eds). Arnette, France 30 (5): 353-720 (1987). Cancer Epidemiology, Biomarkers Prevention 1, 199-205 (1992). Gastroenterology, 102 (2), 424-430 (1992).
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NCBI AND UNIPROT INFORMATION

Molecular Weight	Molecular Weight: Multiple
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/lewis-a-antibody-clone-spm522-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/62867>