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Lewis A (Blood Group Antigen) Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone SPM522]
Catalog # AH12954

Product Information

Application	IHC, IF, FC
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1, kappa
Clone Names	SPM522
Calculated MW	Multiple

Additional Information

Application Note	IHC~~1:100~500 IF~~1:50~200 FC~~1:10~50
Storage	Store at 2 to 8°C.Antibody is stable for 24 months.
Precautions	Lewis A (Blood Group Antigen) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

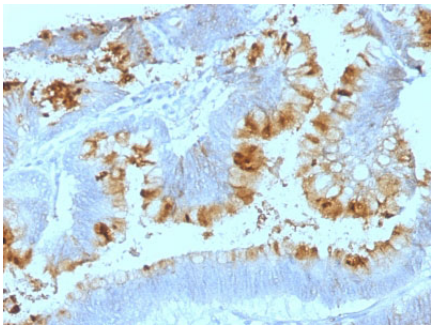
Background

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.

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). |

Images



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