

# Anti-Lewis Y (Tumor Marker) Antibody

Mouse Monoclonal Antibody

Catalog # AH13676

## Product Information

|                    |                     |
|--------------------|---------------------|
| <b>Application</b> | IHC-P, IF, FC       |
| <b>Reactivity</b>  | Human               |
| <b>Host</b>        | Mouse               |
| <b>Clonality</b>   | Monoclonal          |
| <b>Isotype</b>     | Mouse / IgG1, kappa |
| <b>Clone Names</b> | A70-A/A9            |

## Additional Information

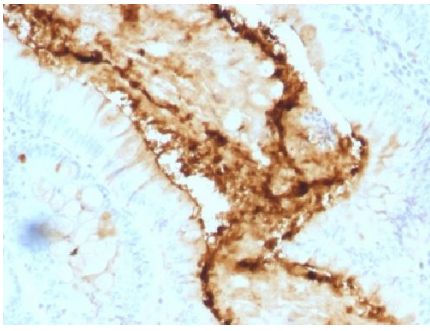
|                         |  |
|-------------------------|--|
| <b>Other Names</b>      | Lewis Y antigen  |
| <b>Application Note</b> | Flow Cytometry (0.5-1ug/million cells); ,Immunofluorescence (0.5-1ug/ml); ,Immunohistology (Formalin-fixed) (0.5-1.0ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined. |
| <b>Format</b>           | 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.   |
| <b>Storage</b>          | Store at 2 to 8°C.Antibody is stable for 24 months.  |
| <b>Precautions</b>      | Anti-Lewis Y (Tumor Marker) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.   |

## Background

This antibody recognizes a carbohydrate epitope present on tumor-associated Lewis Y antigen (Fucalpha1-2Galbeta1-4/3[Fucalpha1-3/4]GlcNAcbeta-). Lewis Y is expressed in large bowel tumors and colorectal carcinomas. It may be useful in the classification of human renal and bladder tumors. The Lewis Y antigen has been evaluated as a clinical marker for the diagnosis and prognosis of cholangiocarcinoma, hepatocellular carcinoma and breast cancer.

## Images

Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Lewis Y Monoclonal Antibody (A70-A/A9).



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.