

### 36-3741: Anti-Lewis Y (Tumor Marker) Monoclonal Antibody(Clone: A70-A/A9)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	A70-A/A9
<b>Application :</b>	FACS,IF,IHC
<b>Reactivity :</b>	Human
<b>Alternative Name :</b>	Lewis Y antigen
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Live Ls174T cells (human colon carcinoma cell line)

#### Description

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.

#### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/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 condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

#### Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);

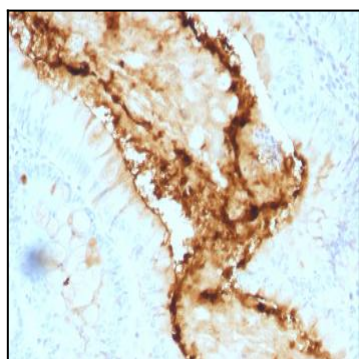


Fig. 1: Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Lewis Y Mouse Monoclonal Antibody (A70-A/A9).

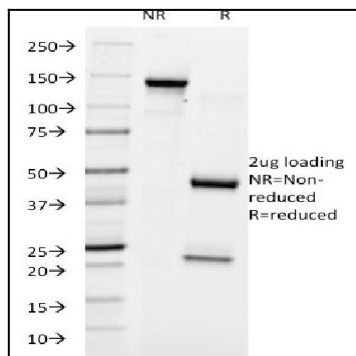


Fig. 2: SDS-PAGE Analysis Purified Lewis Y Mouse Monoclonal Antibody (A70-A/A9).  
Confirmation of Purity and Integrity of Antibody.