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

Clonality :	Monoclonal
Clone Name :	A70-A/A9
Application :	FACS,IF,IHC
Reactivity :	Human
Alternative Name :	Lewis Y antigen
Isotype :	Mouse IgG1, kappa
Immunogen Information :	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

Amount :	20 µg / 100 µg
Content :	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.
Storage condition :	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);

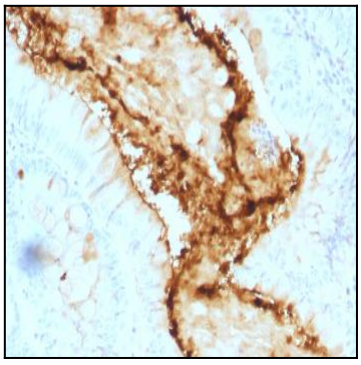

Fig. 1: Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Lewis Y Mouse Monoclonal Antibody (A70-A/A9).

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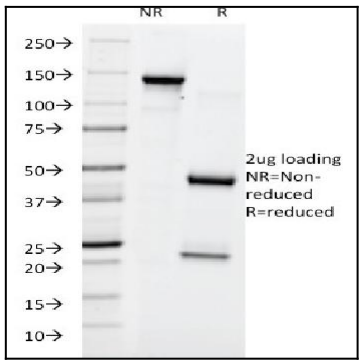

Fig. 2: SDS-PAGE Analysis Purified Lewis Y Mouse Monoclonal Antibody (A70-A/A9). Confirmation of Purity and Integrity of Antibody.