

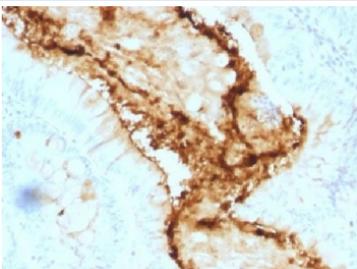
## Lewis y Antibody [clone A70-A/A9] (V3309)

Catalog No.	Formulation	Size
V3309-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3309-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3309SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

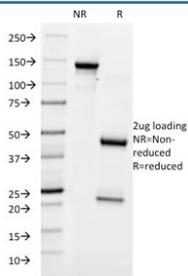
 Citations (5)

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	A70-A/A9
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	Not Applicable
<b>Localization</b>	Cell membrane, cytoplasmic and extracellular
<b>Applications</b>	Flow Cytometry : 0.5-1ug/10 <sup>6</sup> cells Immunofluorescence : 0.5-1ug/ml Immunohistochemistry (FFPE) : 0.5-1ug/ml for 30 min at RT
<b>Limitations</b>	This Lewis y antibody is available for research use only.



IHC testing of FFPE human colon carcinoma with Lewis y antibody (clone A70-A/A9).  
Required HIER: boil tissue sections in 10mM citrate buffer, pH 6, for 10-20 min.



SDS-PAGE analysis of purified, BSA-free Lewis y antibody (clone A70-A/A9) as confirmation of integrity and purity.

## Description

This antibody recognizes a carbohydrate epitope present on tumor-associated Lewis y antigen (Fucalpha1-2Galbeta1-4/3[Fucalpha1-3/4]GlcNAc $\beta$ -). 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.

## Application Notes

Optimal dilution of the Lewis y antibody should be determined by the researcher.

## Immunogen

Live Ls174T cells (human colon carcinoma) were used as the immunogen for the Lewis y antibody.

## Storage

Store the Lewis y antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).