

Mouse anti-Human Lewis Y Monoclonal Antibody

Lewis Y (Tumor Marker)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214627	Mouse	Human	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

Lewis Y; Monoclonal Antibody; Lewis Y (Tumor Marker); Lewis Y antigen; anti-Lewis Y antibody

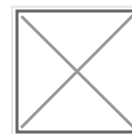
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	A70-A/A9
Specificity	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 prognosis of cholangiocarcinoma, hepatocellular carcinoma and breast cancer.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide.
Applicable Applications for anti-Lewis Y antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Live Ls174T cells (human colon carcinoma cell line)
Cellular Localization	Cell membrane, Cytoplasmic and extracellular
Positive Control	Lung, Colon, Bladder or Hepatocellular Carcinoma
Preparation and Storage	Antibody with azide - store at 2°C to 8°C. Non-hazardous. No MSDS required.

IMAGES



Application Data



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

References	Christensen PA, Danielczyk A, Ravn P, Stahn R, Karsten U, Goletz S. A monoclonal antibody to Lewis Y/Lewis b revealing mimicry of the histone H1 to carbohydrate structures. Scand J Immunol. 2007 Apr; 65(4):362-7.
------------	--

NCBI AND UNIPROT INFORMATION

Molecular Weight	Multiple
------------------	----------

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/lewis-y-antibody-clone-a70-a-a9-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/214627>