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Anti-Lewis Y (Tumor Marker) Antibody

Mouse Monoclonal Antibody
Catalog # AH13664

Product Information

Application	IHC-P, IF, FC
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgM
Clone Names	A70-C/C8

Additional Information

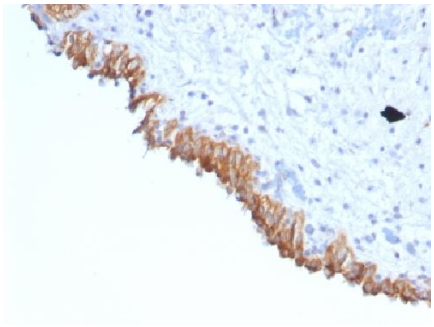
Other Names	Lewis Y antigen
Application Note	Flow Cytometry (0.5-1ug/million cells); ,Immunofluorescence (0.5-1ug/ml); ,Immunohistology (Formalin-fixed) (0.5-1.0ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.
Format	200ug/ml of Ab purified from Bioreactor Concentrate. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage	Store at 2 to 8°C.Antibody is stable for 24 months.
Precautions	Anti-Lewis Y (Tumor Marker) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

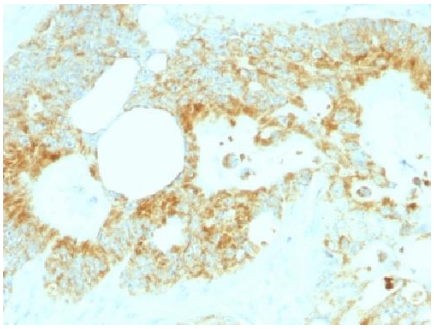
Background

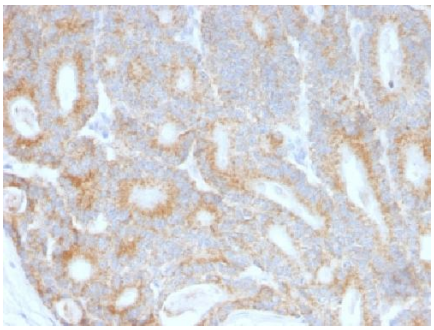
This antibody recognizes a carbohydrate epitope common to the tumor-associated Lewis Y and Lewis b antigens (Fucalpha1-2Galbeta1-4/3[Fucalpha1-3/4]GlcNAcbeta-). Its specificity was established without doubt with a panel of 86 synthetic mono- and oligosaccharidic structures. Lewis Y is expressed in large 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-C/C8).







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