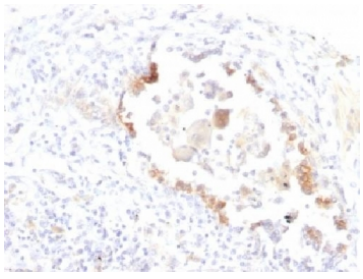
Lewis y Antibody [clone LWY/1463] (V3337)

Catalog No.	Formulation	Size
V3337-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3337-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3337SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	LWY/1463
Purity	Protein G affinity chromatography
UniProt	Not Applicable
Localization	Cell membrane, cytoplasmic and extracellular
Applications	Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT
Limitations	This Lewis y antibody is available for research use only.



IHC testing of FFPE human lung carcinoma with Lewis y antibody (clone LWY/1463). Required HIER: boil tissue sections in 10mM citrate buffer, pH 6, for 10-20 min.

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.

Application Notes

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

Immunogen

Human colon carcinoma cells 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).

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