Monoclonal Antibody to Blood Group Lewis a Purified Antibody (0.1 mg)

Clone: 7LE
Isotype: Mouse IgG1
Specificity: The antibody 7LE recognizes Lewis\textsuperscript{a} blood group antigen, a carbohydrate determinant carried on both glycolipids and glycoproteins, expressed in colonic epithelial cells. Lewis\textsuperscript{a} may be useful for detection of gastrointestinal, pancreatic and colorectal tumors.

Regulatory Status: RUO
Immunogen: Mucin isolated by size-exclusion chromatography from an ovarian cyst fluid (pure endocervical type according to the Fenoglio's classification).
Species Reactivity: Human, Other not tested
Application: Immunohistochemistry (paraffin sections)
Recommend dilution: 5 µg/ml
Positive control: colorectal adenocarcinoma
Application note: heat mediated antigen retrieval (sodium citrate); mAb incubation 1 hour / RT; detection DAB
Western Blotting
ELISA
Purity: > 95% (by SDS-PAGE)
Purification: Purified by protein-A affinity chromatography
Concentration: 1 mg/ml
Storage Buffer: Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability: Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration: See vial label
Lot Number: See vial label
References:

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