

FUJIFILM**Wako**Code No. 010-25901 (100 μ L)**Anti Sialyl-Le^a Antigen, Monoclonal Antibody (MSW113)****抗シアリルLe^a抗原, モノクローナル抗体 (MSW113)**

The carbohydrate antigen sialyl-Lewis^a (sialyl-Le^a) is the mucin-type oligosaccharide and is known as the tumor-associated carbohydrate antigen. It is mainly utilized as the marker of the pancreatic cancer.

Monoclonal Anti Sialyl-Le^a antibody is produced by hybridoma clone MSW113, established by immunizing mice with human colonic cancer cell line, SW1116.

This antibody was purified from serum-free cultured supernatant by using Protein A affinity chromatography.

This product is for laboratory research use only ; use in any other application is the responsibility of the user.

[Concentration]

Indicated on the label.

[Formulation]

50 mmol/L MOPS (pH 7.5), 150 mmol/L NaCl.

[Recognition region]

- Sialyl-Le^a [Sia α 2-3Gal β 1-3(Fuc α 1-4)GlcNAc]
- Sia α 2-3Gal β 1-3GlcNAc
- LS-tetrasaccharide α [Sia α 2-3Gal β 1-3GlcNAc β 1-3Gal β 1-4Glc]
- Disialyllacto-N-tetraose [Sia α 2-3Gal β 1-3(Sia α 2-6)GlcNAc β 1-3Gal β 1-4Glc]

[Clone No.]

MSW113

[Subclass]IgG₃**[Application]**

Immuno blot
Immunoprecipitation
Immunoaffinity chromatography
ELISA

[Working Dilution]Immuno blot 0.5 μ g/mL ~

Please optimize the most appropriate concentration for each applications depending on your analysis conditions and samples.

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[Expiration date] Indicated on the label.**[Storage]**

Keep at 2-10 °C.

Avoid repeated freeze and thaw.

[Package]

Code No.	Package
010-25901	100 μ L

[References]

- 1) Kitagawa, H. *et al.*, "A monoclonal antibody that recognizes sialyl-Le^a oligosaccharide, but is distinct from NS 19-9 as to epitope recognition.", *J. Biochem.*, **104**, 817-821 (1988).
- 2) Kitagawa, H. *et al.*, "Novel gangliosides containing the Sialyl-Le^a structure from a human rectal adenocarcinoma.", *J. Biol. Chem.*, **268** (35), 26541-26545 (1993).
- 3) Akita, K. *et al.*, "Different levels of sialyl-Tn antigen expressed on MUC16 in patients with endometriosis and ovarian cancer.", *Int. J. Gynecol. Cancer.* **22**, 531-538 (2012).

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