



Sialosyl Lewis a (B358): sc-59361

BACKGROUND

Sialylated Lewis x and Sialylated Lewis a (also designated Sialosyl Lewis a) antigens, which are structural isomers of each other, are carbohydrate antigens that may be useful in detecting many types of human cancer including breast, pancreas, stomach and hematopoietic neoplastic. Increased expression of Sialosyl Lewis a is a sign of neoplastic transformation for a variety of carcinomas. Glycoproteins and gangliosides that carry Sialosyl Lewis a structures may effectively support the adhesion of cancer cells to E-Selectin when properly exposed and present in high density on surface of cancer cells.

REFERENCES

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SOURCE

Sialosyl Lewis a (B358) is a mouse monoclonal antibody raised against ten precipitating lines obtained after immunodiffusion using mucins isolated from an ovarian cyst of an OLe (a⁺b⁻) patient.

PRODUCT

Each vial contains 500 µl culture supernatant containing IgM with < 0.1% sodium azide.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.

APPLICATIONS

Sialosyl Lewis a (B358) is recommended for detection of Sialosyl Lewis a of human origin by immunofluorescence (starting dilution to be determined by researcher, dilution range 1:10-1:200) and immunohistochemistry (including paraffin-embedded sections) (starting dilution to be determined by researcher, dilution range 1:10-1:200).

STORAGE

For immediate and continuous use, store at 4° C for up to one month. For sporadic use, freeze in working aliquots in order to avoid repeated freeze/thaw cycles. If turbidity is evident upon prolonged storage, clarify solution by centrifugation.

RESEARCH USE

For research use only, not for use in diagnostic procedures.