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Schillerstr. 5

AM20232PU-N Monoclonal Antibody to Alpha 3/4-monofucosylated

polylactosaminoglycans - Purified

Quantity: 0.1 mg

Host / Isotype: Mouse / IgM

Recommended Isotype

Controls:

SM13P

Clone: FW6

Immunogen: Purified mucus glycoproteins (Mucins) from Human amniotic fluid.

Format: State: Lyophilized purified Ig fraction

Purification: Protein G Chromatography

Buffer System: PBS, pH 7.4

Reconstitution: Restore in agua bidest to 1 mg/ml

Applications: ELISA.

Western Blot (2)

Immunocytochemistry (1).

Immunohistochemistry on Paraffin Sections (1-3).

Other applications not tested. Optimal dilutions are dependent on conditions and

should be determined by the user.

Specificity: Alpha-3, 4-monofucosylated polylactosaminoglycans on Mucins, oncofetal antigen

Species: Human.

Other species not tested.

Storage: Store lyophilized at 2-8°C and reconstituted at -20°C.

Avoid repeated freezing and thawing. Shelf life: One year from despatch.

General Readings: 1. Schwonzen M, Schmits R, Baldus SE, Vierbuchen M, Hanisch FG, Pfreundschuh M,

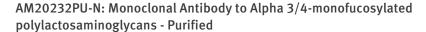
et al. Monoclonal antibody FW6 generated against a mucin-carbohydrate of human amniotic fluid recognises a colonic tumour-associated epitope. Br J Cancer. 1992

Apr;65(4):559-65. PubMed PMID: 1373294.

2. Hanisch FG, Heimbüchel G, Baldus SE, Uhlenbruck G, Schmits R, Pfreundschuh M, et al. Monoclonal antibody FW6 defines an epitope on alpha 3/4-monofucosylated polylactosaminoglycans expressed by fetal and colon carcinoma-associated mucins.

Cancer Res. 1993 Sep 15;53(18):4367-75. PubMed PMID: 8364932.

3. Baldus SE, Vierbuchen M, Hanisch FG, Schwonzen M, Fischer R. Expression of alpha-3/4-monofucosylated polylactosaminoglycan epitope, as defined by monoclonal antibody FW6, is a marker of the colorectal adenoma-carcinoma sequence. Cancer. 1995 Sep 15;76(6):954-60. PubMed PMID: 8625220.





Pictures:

Figure 1. Immunohistochemistry image of Mucins in Paraffin Sections of Human embryonic and adult colon mucosa. The sections were incubated with AM20232PU-N/M20232PU-S antibody and detected using a four-step immunoperoxidase technique.

3-Amino-9-ethylcarbazole was used as the chromogen. The sections were counterstained with Haematoxylin. Left: AM20232PU-N/M20232PU-S staining of embryonic colon tissue (epeithelia of the luminal border and goblet cells. Right: Normal adult colonic mucosa lacks AM20232PU-N/M20232PU-S reactivity



