

**AM20232PU-N****Monoclonal Antibody to Alpha 3/4-monofucosylated  
polylactosaminoglycans - Purified**

<b>Quantity:</b>	0.1 mg
<b>Host / Isotype:</b>	Mouse / IgM
<b>Recommended Isotype Controls:</b>	SM13P
<b>Clone:</b>	FW6
<b>Immunogen:</b>	Purified mucus glycoproteins (Mucins) from Human amniotic fluid.
<b>Format:</b>	<b>State:</b> Lyophilized purified Ig fraction <b>Purification:</b> Protein G Chromatography <b>Buffer System:</b> PBS, pH 7.4 <b>Reconstitution:</b> Restore in aqua bidest to 1 mg/ml
<b>Applications:</b>	<b>ELISA.</b> <b>Western Blot (2)</b> <b>Immunocytochemistry (1).</b> <b>Immunohistochemistry on Paraffin Sections (1-3).</b> Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Alpha-3, 4-monofucosylated polylactosaminoglycans on Mucins, oncofetal antigen <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	Store lyophilized at 2-8°C and reconstituted at -20°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
<b>General Readings:</b>	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 (epithelia of the luminal border and goblet cells. Right: Normal adult colonic mucosa lacks AM20232PU-N/M20232PU-S reactivity

