



## Peninsula Laboratories, LLC

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### Monoclonal Antibody to Human CA 19-9 Sialyl Lewis (a) Tumours

Monoclonal antibody 1025.63.7 can be used as a tumour marker for pancreas and colon carcinoma on frozen and paraffin tissue sections and in serum except for patients with "Le O" blood group determinant. It recognizes SLe<sup>a</sup> and to a lesser degree SLe<sup>x</sup>.

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<b>Product Number:</b>	T-1303
<b>Clone:</b>	1025.63.7
<b>Host species, isotype:</b>	Mouse IgM
<b>Quantity:</b>	25µg
<b>Format:</b>	Affinity purified, lyophilized  Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.05mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 10mg/ml bovine serum albumin (BSA) as a stabilizer and 0.1% sodium azide as a preservative.
<b>Stability:</b>	Original vial: 1 year at 4° - 8°C  Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
<b>Applications:</b>	Tested for immunohistochemistry (IHC).  <b>Approximate working dilution for IHC:</b> Frozen sections: 0.25µg/ml (1:200) Paraffin sections: 1µg/ml (1:50); pretreatment not necessary.  Optimal dilutions should be determined by the end user.  Suggested positive control: Human tonsil.

#### Selected references

Haglund, C. et al.: Tumor markers in pancreatic Cancer. Scand. J. of Gastroenterol. **21**: 75-78 (1986)

Magnani, J.L. et al.: Identification of the gastrointestinal and pancreatic cancer associated antigen detected by monoclonal antibody 19-9 in the sera of patients as a mucin. Cancer Res. **43**: 5489-5492 (1983).

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.