

Product datasheet for **AM10037PU-S**

CA 19-9 Mouse Monoclonal Antibody [Clone ID: SLA203]

Product data:

Product Type:	Primary Antibodies
Clone Name:	SLA203
Applications:	IHC
Recommended Dilution:	Suitable for Immunohistochemistry and Immunocytochemistry (Frozen or Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections and cell smears). For IHC dilute concentrated antibody at 1/50-1/100, use streptavidin~biotin system or polymer system, incubate 30 minutes at room temperature. FFPE tissue section requires antigen retriever (boiling tissue in 10 mM citrate, pH 6.0 for 20 mins, followed by cooling at RT for 20 mins). Recommended Positive Control: Human colon, stomach, pancreas, intestine, breast carcinomas.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Mucins from ovarian cyst.
Specificity:	This antibody reacts with CA 19-9 antigen. Does not cross react with CA125, CA15-3, CEA. Cellular localization: Cytoplasmic.
Formulation:	PBS, pH 7.4 containing 1% BSA as stabilizer and 0.05% Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.



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Background: The CA 19-9 antigen is a monosialosyl Le (a) blood group antigen which has been shown to be a useful-associated antigen for the diagnosis of gastrointestinal cancers. This antigen is known to be a ligand for the cell adhesion molecule called ELAM-1 (E-selectin, endothelial cell leukocyte adhesion molecule-1, which is present on cytokine-activated human endothelial cells. Selectin GMP-140 (CD62;PADGEM) binds to sialosyl Le (a) and sulfated glycans modulate this binding.

Synonyms: CA19-9, Sialosyl Lewis a, Sialyl Lewis a