Product datasheet

anti-CA19-9 (SLea) mouse monoclonal, 121SLE, purified

Short overview

Cat. No.	691523
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgM kappa
Clone	121SLE
Immunogen	Ten precipitin lines obtained after immunodiffusion using mAb NS19-9 and mucins isolated from an ovarian cyst of a 0Lea+b- patient
Formulation	PBS with 0.02% sodium azide
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	ELISA, FACS, IHC
Reactivity	Human

Applications

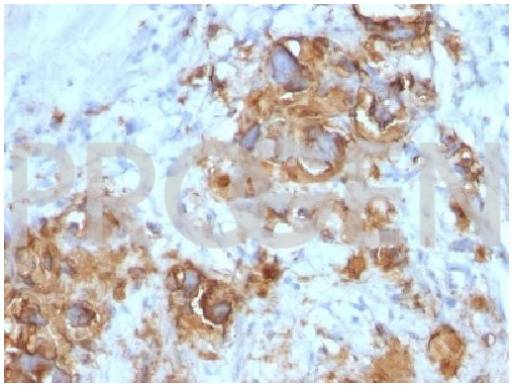
ELISA	Assay dependent
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml)

Background

121SLE reacts with CA19-9 (>400 kDa) or sialyl Lea structure, which is synthesized from type 1 blood group precursor chains and is present in individuals expressing the Lea and/or Leb blood group antigens. 121SLE also binds to some extend to the afuco version of SLea (LSTa; CA50). In normal tissues, CA19-9 is present in ductal epithelium of the breast, kidney, salivary, gland and sweat glands. Its expression is greatly enhanced in serum as well as in the majority of tumor cells in gastrointestinal (GI) carcinomas, including adenocarcinomas of the stomach, intestine and pancreas. 121SLE was typed in the ISOBM TD-6 workshop.

Positive control: stomach or colon carcinoma.

Product images



Gastric carcinoma