

Mouse Anti-Human Carbohydrate Antigen 19-9 mAb (Clone 121SLE)

Catalog No.	MON3060	Quantity:	100 µg
Alternate Names:	Cancer Antigen 19-9, CA19-9, sialyl-Lewis ^A		
Description:	<p>CA19-9 is the sialylated form of Lewis AntigenA. It is a tetrasaccharide with the sequence Neu5Acα2-3Galβ1-3[Fuca1-4]GlcNAcβ. CA19-9 was discovered in the serum of patients with colon cancer and pancreatic cancer in 1981. It was characterized shortly after, and it was found to be carried primarily by mucins.</p> <p>Disialyl Lewis a is predominantly expressed in non-malignant epithelial cells of the digestive organs, while sialyl Lewis a is preferentially expressed in cancers. Disialyl Lewis a in normal epithelial cells serves as a ligand for immunosuppressive receptors, such as SIGLEC7 and SIGLEC9, expressed on resident monocytes/macrophages and maintains immunological homeostasis of mucosal membranes in digestive organs. Sialyl Lewis a, as well as its positional isomer sialyl Lewis x, serves as a ligand for vascular cell adhesion molecule E-selectin and facilitates hematogenous metastasis through mediating adhesion of circulating cancer cells to vascular endothelium (PubMed:17760270).</p>		
Concentration:	1 mg/ml		
Specificity:	Recognizes sialyl Lewis a containing glycolipids, confirmed on Workshop TD6.		
Host:	Mouse		
Immunogen:	Mucins isolated from an ovarian cyst of a 0Le(a+b-) patient		
Isotype:	IgM		
Clone:	121SLE		
Formulation:	100 µg purified antibody in Tris buffered saline (TBS), 15 mM NaN ₃ Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	Flow cytometry, ELISA, IHC-P		
Storage & Stability:	Store undiluted antibody at 2-8°C.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

