

ARG63094
anti-CA19-9 antibody [121SLE]Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [121SLE] recognizes CA19-9
Tested Reactivity	Hu
Tested Application	ELISA, IHC-P
Specificity	The clone 121SLE recognizes Sialyl Lewis a containing glycolipids (CA19-9).
Host	Mouse
Clonality	Monoclonal
Clone	121SLE
Isotype	IgM
Target Name	CA19-9
Immunogen	Immunoprecipitate obtained after immunodiffusion of MAb 19-9 and mucins isolated from an ovarian cyst of a 0Le(a+b-) patient.
Conjugation	Un-conjugated
Alternate Names	SIAT7F; SIAT7-F; ST6GALNACV; CA19-9

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	IHC-P	10 µg/ml
Application Note	IHC-P: Positive control:colorectal adenocarcinoma Application note:heat mediated antigen retrieval (sodium citrate); mAb incubation 1 hour / RT; detection DAB * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from ascites by precipitation methods and size-exclusion chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	TBS (pH 8.0) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 30815 Human](#)

[Swiss-port # Q969X2 Human](#)

Gene Symbol

ST6GALNAC6

Gene Full Name

ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 6

Background

ST6GALNAC6 belongs to a family of sialyltransferases that modify proteins and ceramides on the cell surface to alter cell-cell or cell-extracellular matrix interactions (Tsuchida et al., 2003 [PubMed 12668675]).[supplied by OMIM, Mar 2008]

Function

Alpha-2,6-sialyltransferase involved in the synthesis of alpha-series gangliosides. Has activity toward GD1a, GT1b and GM1b. Has no activity toward glycoproteins. Responsible for the biosynthesis of DSGG (disialylgalactosylgloboside) from MSGG (monosialylgalactosylgloboside) in normal and malignant kidney. Participates in the synthesis of disialyl Lewis a (Le(a)). [UniProt]

Highlight

Related products:

[CA19-9 antibodies](#); [CA19-9 ELISA Kits](#); [Anti-Mouse IgM secondary antibodies](#);

Related news:

[More than a biomarker, CA19-9 is a therapeutic target of pancreatic cancer](#)

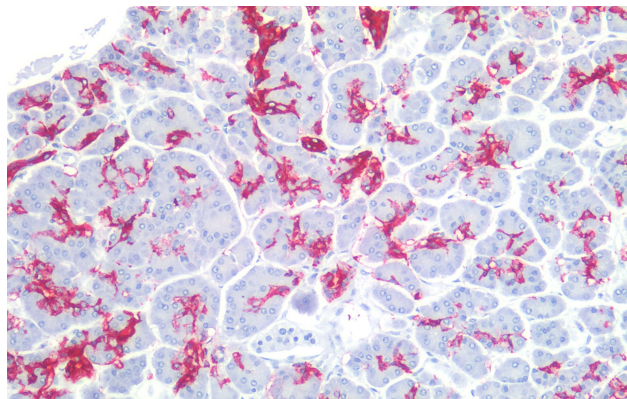
Research Area

Cancer antibody; Cell Biology and Cellular Response antibody; Controls and Markers antibody

Calculated Mw

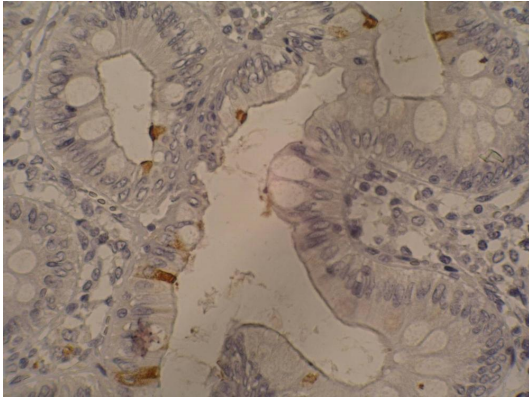
38 kDa

Images



ARG63094 anti-CA19-9 antibody [121SLE] IHC-P image

Immunohistochemistry: Paraffin-embedded Human pancreas tissue stained with ARG63094 anti-CA19-9 antibody [121SLE] at 10 µg/ml dilution.



ARG63094 anti-Sialyl Lewis a antibody [121SLE] IHC-P image

Immunohistochemistry: Colorectal adenocarcinoma section stained with ARG63094 anti-Sialyl Lewis a antibody [121SLE].