

## CA19-9 antibody [GT252]

**Cat. No. GTX635390**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, ICC/IF, IHC-P, FCM, ELISA, Sandwich ELISA
<b>Reactivity</b>	Species independent

**Package**  
100 µl, 25 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000
ICC/IF	Assay dependent
IHC-P	Assay dependent
FCM	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

**Note : Capture: GTX635390, Detection: GTX635391 Please notice that GTX635391 needs to be conjugated to HRP to function as the detection antibody when paired with GTX635390. Please contact us for custom HRP-conjugated antibody.**

Not tested in other applications.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	No preservatives
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	The immunogen used to generate this antibody corresponds to CA19-9.
<b>Purification</b>	Affinity purified by Protein G.
<b>Conjugation</b>	Unconjugated



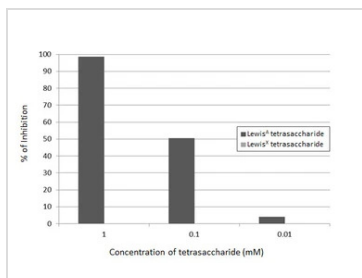
For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

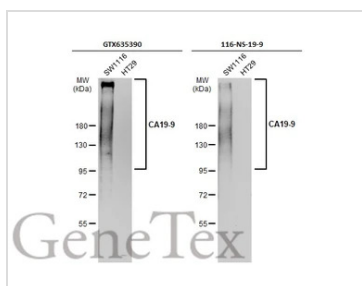
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



**GTX635390 ELISA Image**

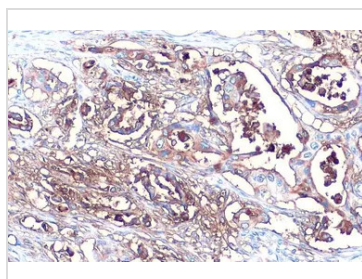
Competition analysis of CA 19-9 antibody [GT252] (GTX635390) (330 ng/mL) binding to immobilized recombinant HSA-CA 19-9 (coated at 3 µg/mL) in the presence of soluble Lewis<sup>A</sup> or Lewis<sup>X</sup> tetrasaccharides (1.0-0.01 mM). Bound antibody was detected by Goat Anti-Mouse IgG antibody (HRP) (GTX213111-01) (1:10000).



**GTX635390 WB Image**

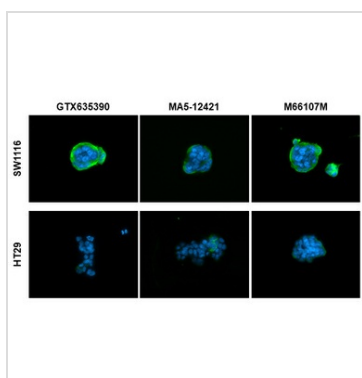
Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with CA19-9 antibody [GT252] (GTX635390) diluted at 1:1000 and competitor's antibody (MA5-12421) diluted at 1:250. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.

\*The competitor is not affiliated with GeneTex and does not endorse this product.



**GTX635390 IHC-P Image**

CA19-9 antibody [GT252] detects CA19-9 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded human pancreatic cancer. CA19-9 stained by CA19-9 antibody [GT252] (GTX635390) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**GTX635390 ICC/IF Image**

CA19-9 antibody [GT252] detects CA19-9 protein at cell membrane by immunofluorescent analysis. Sample: SW1116 (high expression) and HT29 (low expression) cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: CA19-9 stained by CA19-9 antibody [GT252] (GTX635390) diluted at 1:1000 and competitor's antibody (MA5-12421 and M66107M) diluted at 1:1000. Blue: Fluoroshield with DAPI (GTX30920).

\*Competitor's antibody is not affiliated with GeneTex and does not endorse this product.

The observed expression level is based on the publication: [PMID: 10212226](https://pubmed.ncbi.nlm.nih.gov/10212226/)



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