

## CA19-9 antibody [GT8510]

**Cat. No. GTX635391**

<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

References ( 1 )

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 : GTX635391, Detection : GTX635389 or Capture : GTX635388 / GTX635389 / GTX635390, Detection : GTX635391.****Please notice that the detection antibody needs to be conjugated to HRP to function as the detection antibody when paired with the capture antibody. 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 Preservative
<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

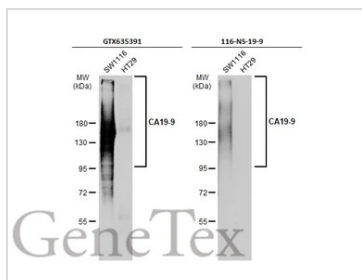


For full product information, images and publications, please visit our [website](#).

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

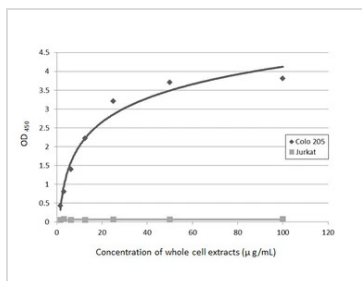
**Note**

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**

**GTx635391 WB Image**

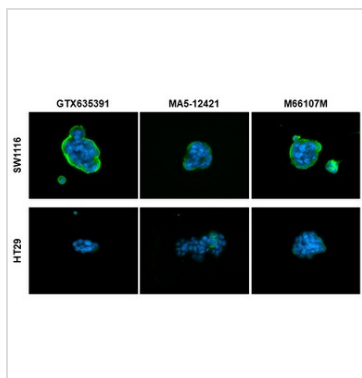
Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with Ca19-9 antibody [GT8510] (GTx635391) diluted at 1:1000 and competitor's antibody (MA5-12421) diluted at 1:250. The HRP-conjugated anti-mouse IgG antibody (GTx21311-01) was used to detect the primary antibody.

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


**GTx635391 ELISA Image**

Sandwich ELISA detection of Colo 205 and Jurkat whole cell extracts using CA19-9 antibody [GTx933] (GTx635389) as capture antibody at concentration of 5 µg/mL and HRP-conjugated Ca19-9 antibody [GT8510] (GTx635391) as detection antibody at concentration of 1 µg/mL.

Please notice that GTx635391 needs to be conjugated to HRP to function as the detection antibody when paired with GTx635389. Please contact us for custom HRP-conjugated antibody.


**GTx635391 ICC/IF Image**

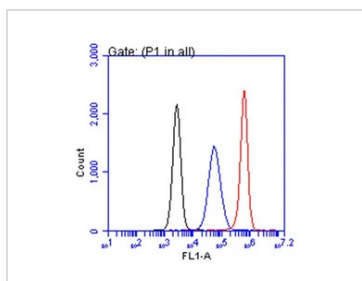
Ca19-9 antibody [GT8510] detects CA19-9 protein at cell membrane by immunofluorescent analysis. Sample: SW1116 (high expression) and HT29 (low expression) cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: CA19-9 stained by Ca19-9 antibody [GT8510] (GTx635391) 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/)


**GTx635391 FCM Image**

Ca19-9 antibody [GT8510] (GTx635391) detects Ca19-9 by flow cytometry analysis.

Sample: COLO 205 cell.

Black: Unlabelled sample was used as a control.

Red: Ca19-9 antibody [GT8510] (GTx635391) dilution: 1:50.

Blue: Highly cited antibody [116-NS-19-9] dilution: 1:50.

Acquisition of 20,000 events were collected for FACS analysis.



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