



## HRP Conjugated Mouse Anti-CA 19-9 Monoclonal Antibody Datasheet

<b>Product Name:</b> HRP conjugated anti- human CA 19-9 mAb	<b>Clone No.:</b> 9B2	<b>Lot No.:</b>
<b>Catalogue No.:</b> MO-T40015T	<b>Quantity:</b> 0.2 mL/vial	<b>Expiration:</b>
<b>Description:</b> HRP (horseradish Peroxidase) conjugated mouse monoclonal antibody to human CA 19-9 (carbohydrate antigen 19-9) antigen.	<b>Background:</b> CA19-9 has been the most valuable serum biomarker in monitoring progress and regression of pancreatic cancer and colorectal cancer. CA19-9, also known as sialyl-Lewis <sup>A</sup> , is a tetrasaccharide which is expressed in abundance on the surface of cancer cells. CA 19-9 usually ranges from 0 to 37 units per milliliter in a healthy person. CA 19-9 levels can be higher in patients with pancreatic cancer and other cancers.	
<b>Purification:</b> Protein G affinity purified		
<b>Product Type:</b> HRP conjugated tracer antibody in matched antibody pair.		
<b>Target Protein:</b> Human CA 19-9		
<b>Immunogen:</b> Human colon adenocarcinoma cell line SW1116	<b>Applications:</b> <b>Indirect ELISA:</b> CA19-9 mAb clone 9B2 at a wide concentration range can react with ELISA plate coated with SW1116 and also with ELISA plate coated with purified CA19-9 at 0.125 KU per well.	
<b>Fusion Myeloma:</b> Sp2/O-Ag14	<b>Sandwich ELISA:</b> HRP conjugated CA19-9 mAb clone 9B2 (1:5,000-1:20,000 diluted) can be used as tracer antibody in Sandwich ELISA (Cat. No.: EL10061) when ELISA plate is coated with anti CA19-9 mAb clone 4E11 (Cat. No.: MO-T40015D) at 2µg/ml.	
<b>Specificity:</b> Reactive with SW1116 and also reactive with highly purified human CA19-9 antigen from the cell culture supernatant of a human Colon adenocarcinoma.	<b>Immunohistochemistry (IHC):</b> CA19-9 mAb clone 9B2 (MO-T40015B) was used to stain pancreatic cancer tissue and paracancerous tissue. Briefly, the paraffin sections of pancreatic cancer tissue and paracancerous tissue were treated with EDTA to re-naturalize antigen epitopes and with 3% H <sub>2</sub> O <sub>2</sub> to remove endogenous catalase. The sections were blocked with goat serum, incubated with 1:500 diluted CA19-9 mAb 9B2 overnight at 4°C and washed, followed by incubation with HRP-conjugated goat	
<b>Reactivity:</b> Human, others not tested		
<b>Species Reactivity:</b> Not available		
<b>Host / Isotype:</b> Mouse, IgG1 Kappa		
<b>Storage Buffer:</b> Mixture of 50% glycerol and 50% PH7.2 0.01M PBS. Final PH = 7.0 ± 0.1.		
<b>Storage:</b> Store at -20°C		
<b>Research Area:</b> Oncology		

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anti-mouse IgG. Sections were stained with DAB and counter-stained with Hematoxylin.

IHC Staining of Pancreatic Cancer Tissue

**References:** If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.

IHC Staining of Paracancerous Tissue

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