

Datasheet for ABIN6941454

**anti-CA 19-9 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CA 19-9
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CA 19-9 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

## Product Details

Immunogen:	Purified human CA19-9 protein
Clone:	CA19-9-1390R
Isotype:	IgG
Specificity:	CA19-9, a carbohydrate epitope expressed on a high MW (400 kDa) mucin glycoprotein, is a sialyl Lewis <sub>a</sub> structure which is synthesized from type 1 blood group precursor chains and is present in individuals expressing the Lewis <sub>a</sub> and/or Lewis <sub>b</sub> blood group antigens. In normal tissues, sialyl Lewis <sub>a</sub> antigen is present in ductal epithelium of the breast, kidney, salivary gland, and sweat glands. Its expression is greatly enhanced in serum as well as in the majority of tumor cells in gastrointestinal (GI) carcinomas, including adenocarcinomas of the stomach, intestine, and pancreas. Preoperative elevated CA19-9 levels in patients with stage I pancreatic carcinoma decrease to normal values following surgery. When used serially, CA19-9 can predict recurrence of disease prior to radiographic or clinical findings. This MAb is excellent for staining of formalin-fixed, paraffin-embedded tissues.

## Target Details

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Target:	CA 19-9
Alternative Name:	CA19-9/Sialyl Lewisa (GI Tumor Marker) ( <a href="#">CA 19-9 Products</a> )
Molecular Weight:	>400kDa

## Application Details

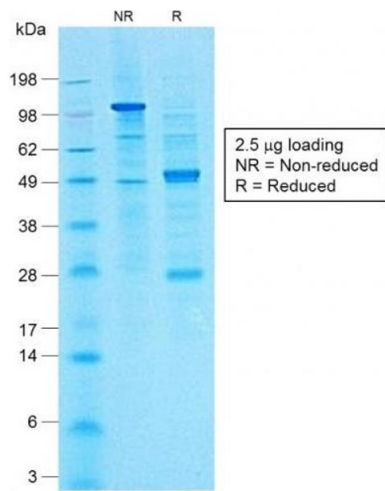
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Application Notes:	Positive Control: Stomach or Colon Carcinoma. Known Application: Immunohistochemistry (Formalin-fixed) (5-10 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

## Handling

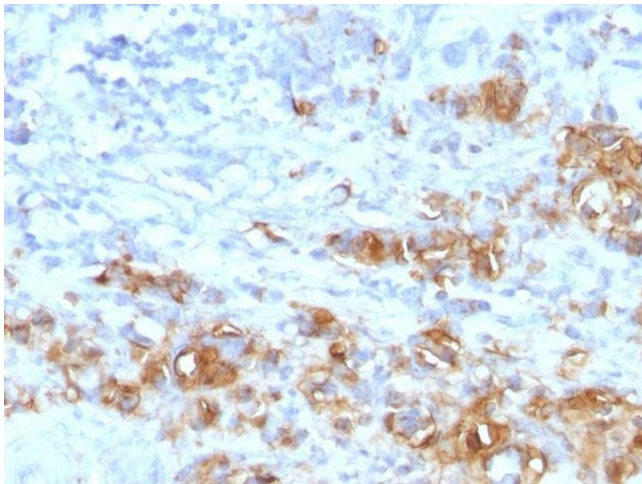
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Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



### SDS-PAGE

**Image 1.** SDS-PAGE Analysis of Purified CA19-9 Rabbit Monoclonal Antibody (CA19.9/1390R).



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Gastric Carcinoma stained with CA19-9 Rabbit Recombinant Monoclonal Antibody (CA19.9/1390R).