



Mouse Anti-CA 19-9 Monoclonal Antibody Datasheet

Product Name: mAb anti- human carbohydrate antigen 19-9 (CA 19-9).

Clone No.: 8E2

Catalogue No.: MO-T40015A

Quantity: 0.5 mg/vial

Description: Mouse monoclonal antibody to human CA 19-9 antigen.

Purification: Protein G affinity purified

Product Type: Primary antibody

Target Protein: Human CA 19-9

Immunogen: Human colon adenocarcinoma cell line SW1116

Fusion Myeloma: Sp2/0-Ag14

Specificity: Reactive with SW1116 and also reactive with highly purified human CA19-9 antigen from the cell culture supernatant of a human Colon adenocarcinoma.

Reactivity: Human, others not tested

Species Reactivity: Not available

Host / Isotype: Mouse, IgG1 Kappa

Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.2

Reconstitution: Double distilled water is recommended to reconstitute the antibody. Avoid

repeated freeze and thaw cycles.

Storage: Store at -20°C

Research Area: Oncology

Background: 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^A, 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.

Applications: **Indirect ELISA:** This antibody 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.

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.

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