

12-9546: Anti-SN38 antibody(1G1); Rabbit mAb

Clonality : Monoclonal
Clone Name : 1G1
Application : ELISA
Reactivity : N.A.
Isotype : Rabbit IgG

Description

Description :Anti-SN38 antibody(1G1); Rabbit mAb

SN38, a potent chemotherapeutic derived from irinotecan, plays a pivotal role in colorectal cancer treatment. As the active form of irinotecan, SN38 operates as an effective DNA topoisomerase I inhibitor, inducing cell death in cancer cells. Notably, SN38's potential is harnessed in Antibody-Drug Conjugates (ADCs), where it is delivered to tumor sites through innovative methods like liposomes and nanoparticles. This targeted approach enhances SN38's efficacy, emphasizing its crucial role in ADC-based strategies for precise and potent colorectal cancer therapy.

Product Info

Amount : 10 µg / 100 µg
Purification : Purified from cell culture supernatant by affinity chromatography
Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Application Note

ELISA 1:5000-10000

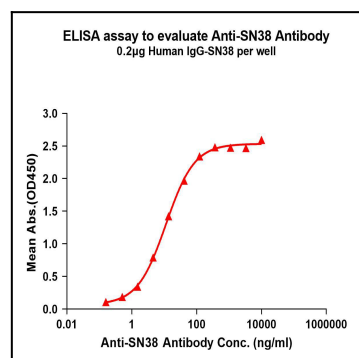


Figure 1. Elisa plates were pre-coated with IgG-SN38 (0.2µg/per well). Serial diluted anti-SN38 monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-SN38 monoclonal antibody binding with IgG-SN38 is 11.39ng/ml.