

Anti-SN38 Mouse IgG1 Antibody(59H11C7)

Product Information

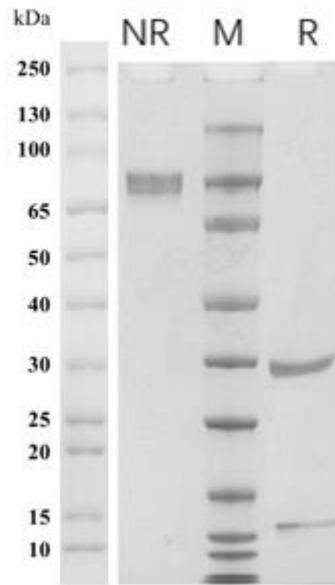
Product Name	Anti-SN38 Mouse IgG1 Antibody(59H11C7)
Storage temp.	Store at 2-8°C short term (1-2 weeks).Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-87937AB-100 / 100 μg GM-87937AB-1000 / 1 mg

Antibody Information

Expression System	CHO
Aggregation	< 5% as determined by SEC-HPLC
Purity	> 95% as determined by SDS-PAGE
Endotoxin	<1EU/mg by LAL
Sterility	0.2 μm Filtered
Target	SN38
Clone	59H11C7
Source/Isotype	Monoclonal Mouse IgG1, λ
Alternative Names	/
Application	Bioactivity-ELISA, PK
Description	SN38, as the active metabolite of irinotecan, possesses extremely high antitumor activity. However, its toxicity and individual variability limit its clinical application. By developing and utilizing SN38-specific antibodies, precise detection of SN38 can be achieved, which holds significant importance in drug metabolism research, toxicity mechanism exploration, and personalized treatment.
Formulation	Phosphate-buffered solution, pH 7.2-.7.4.

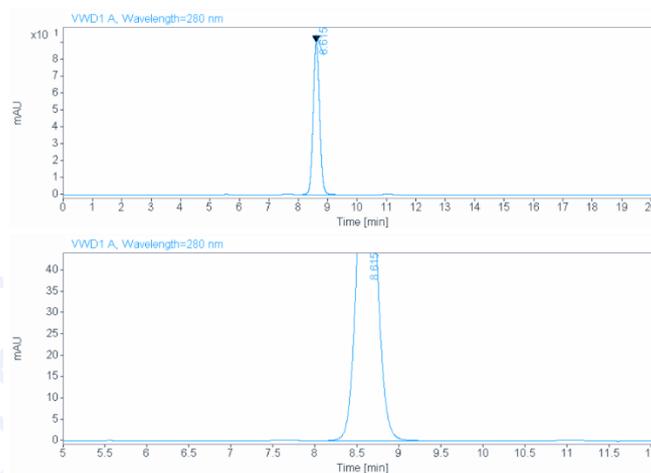
Data Examples

SDS-PAGE



On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The purity of the protein is greater than 95%.

SEC-HPLC



The purity of this product is more than 95% verified by SEC-HPLC

Bioactivity-ELISA

Anti-Trop2-SN38 ADC(Dar8)[Sacituzumab govitecan] (Catalog # GM-81147AB) was immobilized at 5 µg/ml (100 µL/well). Increasing concentrations of Anti-SN38 Mouse IgG1 Antibody(59H11C7) (Catalog # GM-87937AB) were added.

Anti-SN38(59H11C7), ELISA
0.5 µg Anti-Trop2-SN38ADC(Dar8)[Sacituzumab govitecan] of per well

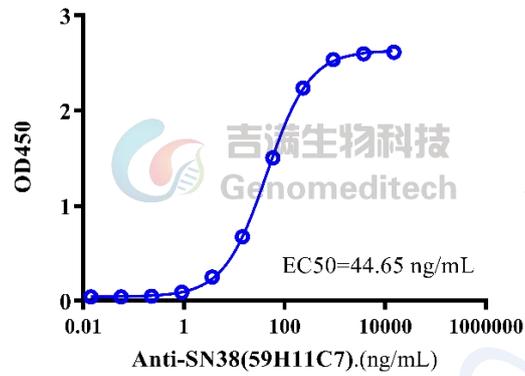


Fig . Assay