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12-9083: Anti-Trop2 Antibody (sacituzumab govitecan biosimilar) (IMMU-132)

Clonality :	Monoclonal
Application :	ELISA,FACS
Reactivity :	Human
Gene ID :	4070
Uniprot ID :	P09758
Format :	Purified
Alternative Name :	IMMU-132, hRS7-SN-38, hRS7-SN-38-ADC, hRS7-[CL-SN-38], hrS7-SN-38, TACSTD2,GA733-1,M1S1,TROP2
Isotype :	Human IgG1

Description

Research Greade Biosimilar, expressed in HEK 293 cells. Not for use in therapeutic or diagnostic purpose for Human or animal use. These antibodies are in their native, inconjugated form, they don't contain any therapeutic agent attached.

Product Info

Amount :	50 µg / 100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography.
Content :	Preservative: Lyophilized from sterile PBS, pH 7.4. Normally 5 % to 8% trehalose is added as protectants before lyophilization. Reconstitute in sterile, endotoxin free water according for your requirement. Not Sterile
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

Reconstitute with deionized water. ELISA 1:5000-10000

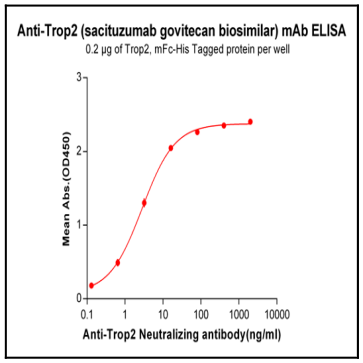

Figure-1: ELISA plate pre-coated by 2 ug/ml (100ul/well) Human Trop2, mFc-His tagged protein can bind Anti-Trop2 Neutralizing antibody in a linear range of 0.13-16.0 ng/ml.

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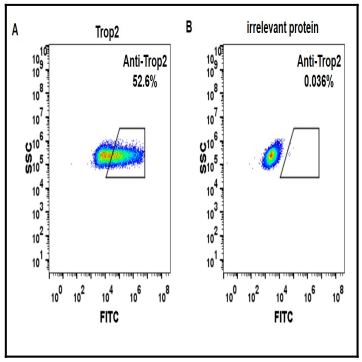

Figure-2: HEK293 cell line transfected with irrelevant protein (B) and human Trop2 (A) were surface stained with anti-Trop2 neutralizing antibody 1ug/ml (sacituzumab govitecan) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

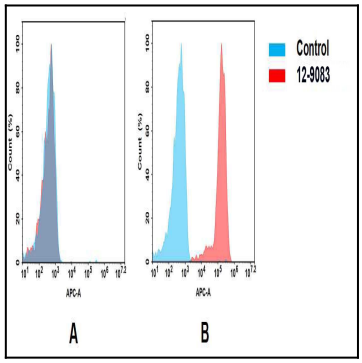

Figure 3. Flow cytometry analysis of antigen binding of anti-human Trop2 mAb(12-9083). (A)12-9083 does not bind to 293T cells that do not express Trop2. (B) A clear peak shift of 12-9083 was seen compared to the control when incubated with Trop2-expressing A431 cells, indicating strong binding of 12-9083 to Trop2. Antibodies were incubated at 2 µg/mL.

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