

# Product Datasheet

## **TROP-2 Antibody - Humanized, (Research Grade sacituzumab Biosimilar) - Low Endotoxin, Azide and BSA Free NBP3-28719-100ug**

Unit Size: 100 ug

Store at 4C.

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**NBP3-28719-100ug**

TROP-2 Antibody - Humanized, (Research Grade sacituzumab Biosimilar) - Low Endotoxin, Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)

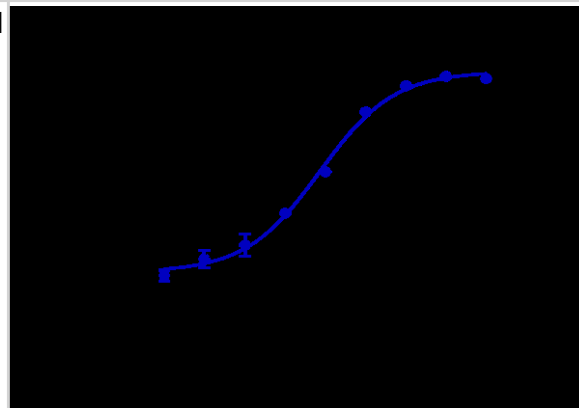
Product Description	
Description	<p>Expressed from CHO. The heavy chain type is hulG1, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa.</p> <p>Also known as 'sacituzumab'.</p> <p>Upon receipt, store immediately at -20C or lower for 24 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.</p>
Host	Human
Gene ID	4070
Gene Symbol	TACSTD2
Species	Human
Reactivity Notes	Predicted species reactivity: Mouse
Immunogen	TROP2
Endotoxin Note	< 0.001EU/ug,determined by LAL method.

Product Application Details	
Applications	ELISA, Flow Cytometry, Functional
Recommended Dilutions	Flow Cytometry, ELISA, Functional

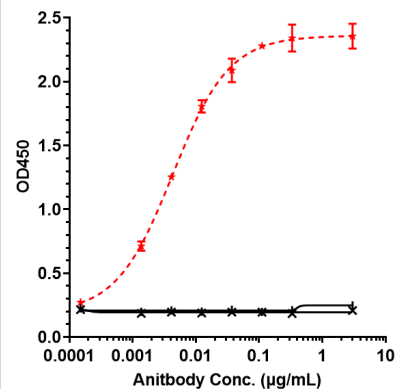


## Images

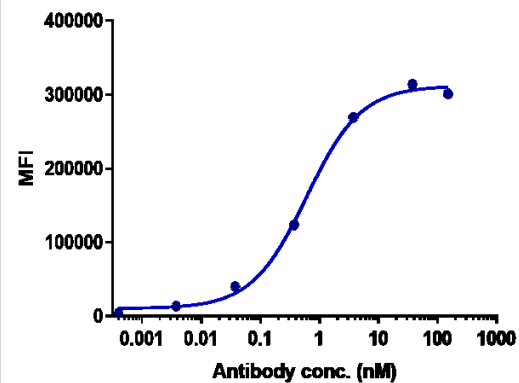
The endocytosis ratio sacituzumab by human TROP2 HEK293 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 70% at antibody concentration of 0.4 nM.



Immobilized human TROP2 His at 2 ug/mL can bind TROP-2 Antibody (sacituzumab) - Humanized,  $EC_{50}=0.004316$  ug/mL.



Human TROP2 HEK293 cells were stained with TROP-2 Antibody (sacituzumab) - Humanized and negative control protein respectively, washed and then followed by PE and analyzed with FACS,  $EC_{50}=0.4071$  ug/mL.





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### **Products Related to NBP3-28719-100ug**

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G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH01P-100	Human IgG1 Isotype Control
NBP3-18209	Recombinant Mouse TROP-2 His (C-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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