

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 -20C in powder form. Store at -80C once reconstituted.

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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 -20C in powder form. Store at -80C once reconstituted.
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)

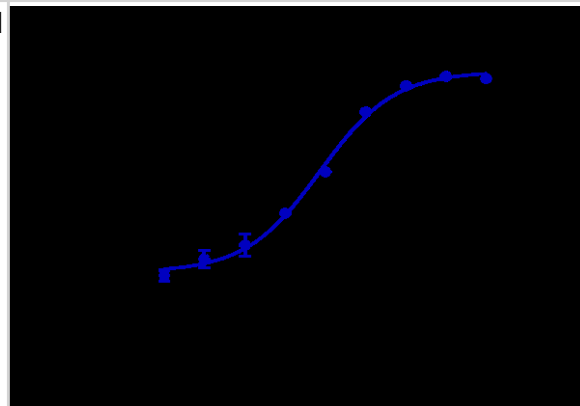
Product Description	
Description	The heavy chain type is hulgG1, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa. Also known as 'sacituzumab'. This product is shipped at ambient temperature. Upon receipt, store immediately at -20C or lower for 12 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.
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

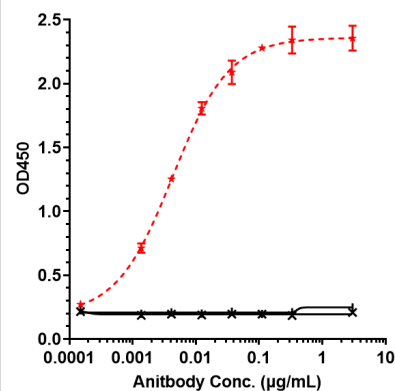


Images

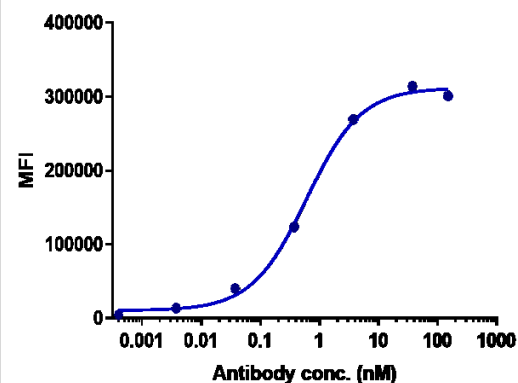
The endocytosis ratio sacituzumab by human TROP2 HEK293 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 70% at antibody concentration of 0.4 nM.



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

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

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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