

Product Datasheet

CD40/TNFRSF5 Antibody - IgG2SA, (Research Grade selicrelumab Biosimilar) - Low Endotoxin, Azide and BSA Free

NBP3-28787-100ug

Unit Size: 100 ug

Store at 4C.

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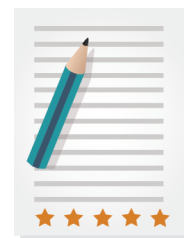
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NBP3-28787-100ug

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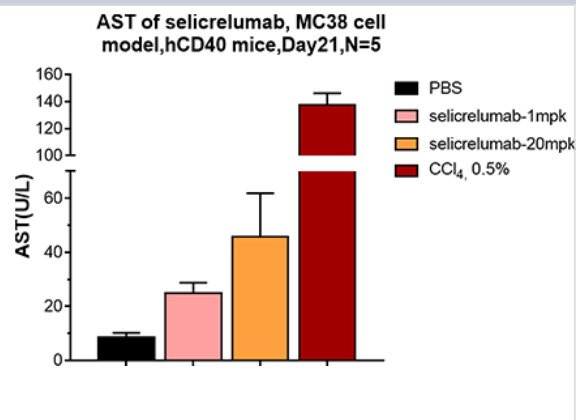
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.
Isotype	IgG2
Purity	Protein A purified
Buffer	Lyophilized from 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)

Product Description	
Description	Expressed from CHO. The heavy chain type is hulgG2, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa. Also known as 'selicrelumab'. IgG2SA is human IgG2 with S378A mutation. 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.
Host	Human
Gene ID	958
Gene Symbol	CD40
Species	Human
Immunogen	TNFRSF5 / CD40
Endotoxin Note	< 0.001EU/ug,determined by LAL method.

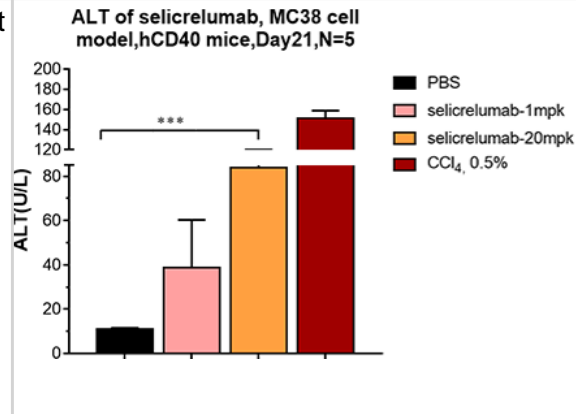
Product Application Details	
Applications	ELISA, Flow Cytometry, Functional
Recommended Dilutions	Flow Cytometry, ELISA, Functional

Images

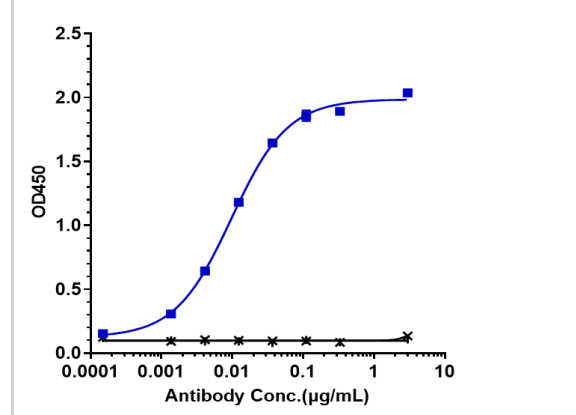
Compared with the negative control group, selicrelumab had a significant increase in serum ALT content at a dose of 20 mpk, and a trend of increase in serum ALT at a dose of 1 mpk, but there was no statistical difference. AST indexes were all elevated and dose-dependent, but there was no statistical difference.



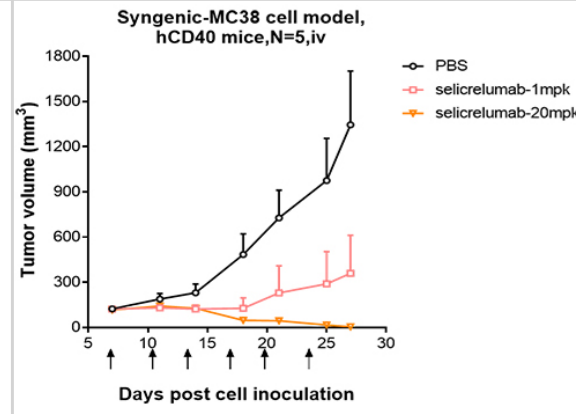
Compared with the negative control group, selicrelumab had a significant increase in serum ALT content at a dose of 20 mpk, and a trend of increase in serum ALT at a dose of 1 mpk, but there was no statistical difference. AST indexes were all elevated and dose-dependent, but there was no statistical difference.



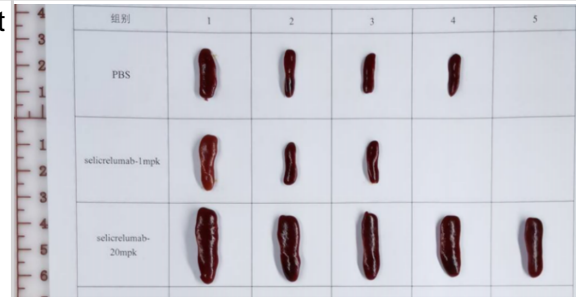
Immobilized human CD40 His at 2 ug/mL can bind CD40/TNFRSF5 Antibody (selicrelumab) - IgG2SA, EC50=0.009782 ug/mL.



Selicrelumab inhibited the tumor growth of MC38 on Humanized CD40 mice. The result showed significant anti-tumor effects.



Compared with the negative control group, selicrelumab had a significant increase in visceral ratio at a dose of 20 MPk and no significant difference at a dose of 1 mpk, indicating that the toxicity of selicrelumab to the spleen was significantly dose-dependent.





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Products Related to NBP3-28787-100ug

G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH02P-100	Human IgG2 Isotype Control
NBP2-52199-0.05mg	Recombinant Mouse CD40/TNFRSF5 His 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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