

Product Datasheet

PD-L1 Antibody - (Research Grade avelumab Biosimilar) - Low Endotoxin, Azide and BSA Free NBP3-28120-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-28120-100ug

PD-L1 Antibody - (Research Grade avelumab 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)

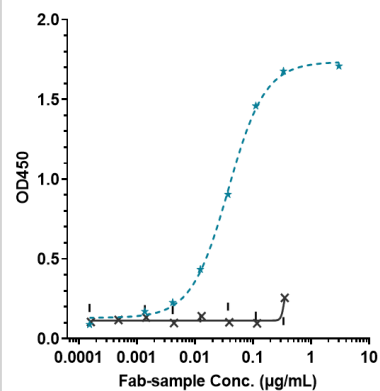
Product Description	
Description	<p>Expressed from CHO. The heavy chain type is hulgG1, and the light chain type is hulambda. It has a predicted MW of 145.5 kDa.</p> <p>Also known as 'avelumab'.</p> <p>Upon receipt, store immediately at -20C or lower for 24 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.</p>
Host	Human
Gene ID	29126
Gene Symbol	CD274
Species	Human
Reactivity Notes	Predicted species reactivity: Mouse, Rat, Cynomolgus, Rabbit, Dog
Immunogen	B7-H1 / PD-L1 / CD274
Endotoxin Note	< 0.001EU/ug,determined by LAL method.

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

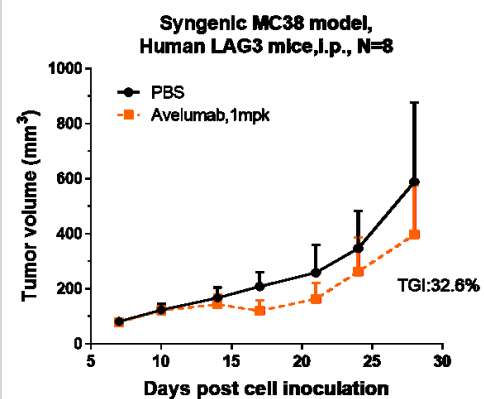


Images

Immobilized human PD-L1 FC at 2 ug/mL can bind PD-L1 Antibody (avelumab), $EC_{50}=0.03725$ ug/mL.



Avelumab inhibited the tumor growth of MC38 on hLAG3 mice. The result showed significant anti-tumor effects, with a tumor inhibition rate (TGI) of 32.6% at 1 mpk at D28.





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Products Related to NBP3-28120-100ug

G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH01P-100	Human IgG1 Isotype Control
NBP1-76769PEP-0.1mg	PD-L1 Antibody Blocking Peptide

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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