

Product Datasheet

B7-H1/PD-L1/CD274 Antibody (orb1806318)

Catalog Number	orb1806318
Category	Antibodies
Description	Anti-B7-H1 / PD-L1 / CD274 Reference Antibody is 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.
Target	B7-H1 / PD-L1 / CD274
Clonality	Monoclonal
Conjugation	Unconjugated
Reactivity	Canine, Human, Monkey, Mouse, Rabbit, Rat
Concentration	Batch dependent
Buffer/Preservatives	100 mM Proline/Acetic acid 20mM Arginine pH 5.0
Purity	>95%
Purification	Protein A
UniProt ID	Q9NZQ7
MW	150 kDa
Tested applications	ELISA, FA, FACS, In vivo
Expression System	CHO
Endotoxins	0.001 EU/ug

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Storage

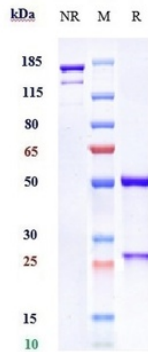
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

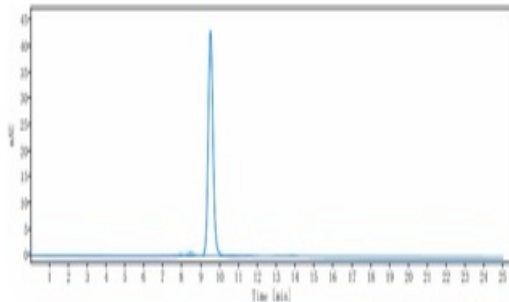
For research use only

Expiration Date

12 months from date of receipt.



Anti-B7-H1 / PD-L1 / CD274 Reference Antibody (avelumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.



The purity of Anti-B7-H1 / PD-L1 / CD274 Reference Antibody (avelumab) is more than 98.22% ;determined by SEC-HPLC.

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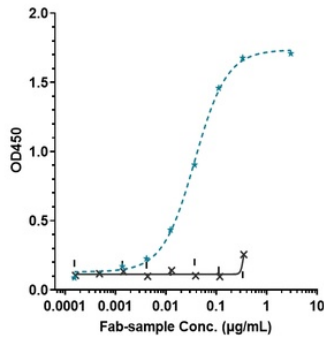
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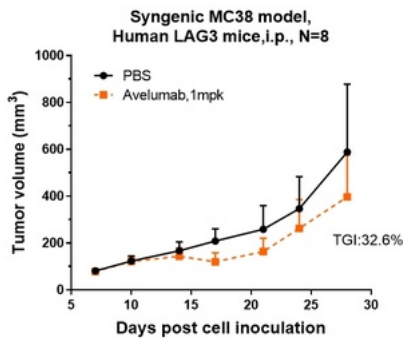
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Immobilized human PD L1 FC at 2 µg/mL can bind Anti-B7-H1 / PD-L1 / CD274 Reference Antibody (avelumab); EC50=0.03725µg/mL.



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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