

Anti-Avelumab Polyclonal Antibody

Summary

Catalog No.	PAJ70102
Host species	Rabbit
Specificity	The product is specific for Avelumab. This antibody serves as an excellent positive control for Avelumab immunogenicity (ADA) assays.
Tested applications	ELISA: 1:4000-1:8000
Immunogen	Avelumab
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.
Concentration	0.5 mg/ml
Clonality	Polyclonal
Isotype	IgG
Applications	ELISA
Target	Rabbit polyclonal to Bavencio.
Purification	Purified by antigen affinity column.
Accession	CAS: 1537032-82-8
Stability and Storage	The product can be stored for 2 - 3 weeks at 2 to 8°C or for up to 12 months at -20°C. Avoid repeated freezing and thawing cycles.
Note	Antibodysystem can customize this product per customer's request including product size, buffer components, etc. For research use only.

Background

Avelumab with trade name Bavencio, is an FDA-approved drug to treat Merkel cell carcinoma, urothelial carcinoma, and renal cell carcinoma. Avelumab is a whole monoclonal antibody of isotype IgG1 that binds to the programmed death-ligand 1 (PD-L1) and therefore inhibits binding to its receptor programmed cell death 1 (PD-1). PD-L1 can be highly expressed on certain tumors, which is thought to lead to reduced activation of immune cells (cytotoxic T-cells in particular) that might otherwise recognize and attack the cancer. Inhibition of PD-L1 by Avelumab can remove this inhibitor effect and thereby engender an anti-tumor response. It is one of several ways to block inhibitory signals related to T-cell activation, a more general strategy known as "immune checkpoint inhibition."

Data Image
