

Product Datasheet

PD-1 Antibody (orb1906373)

Description

PD-1 Antibody

Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, IHC, WB
Immunogen	The original antibody was generated by immunizing BALB/c mice with recombinant human PD-1 protein comprising amino acids 32-160.
Target	PD-1
Preservatives	PBS with 0.02% Proclin 300.
Concentration	1 mg/ml
Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Note	For research use only
Application notes	This antibody is highly similar to the commercially available anti-PD-1 antibody NAT105. The binding specificity of this antibody towards human PD-1 was determined using ELISA. The original IgG2a antibody binds human PD_1 with an affinity constant of $7.13 \times 10^9 \text{ M}^{-1}$. This antibody is capable of detecting human PD-1 in a western blot assay. This antibody was used in the immunohistochemical staining of samples of T cell lymphomas and B cell lymphomas (CN109293775).
Isotype	IgG2a
Clonality	Monoclonal
Uniprot ID	Q15116
Expiration Date	12 months from date of receipt.