

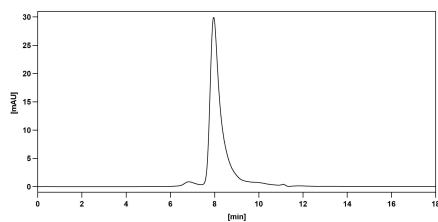
Product Information	
Catalog No.	BS10260
Product name	Anti-Human PD-1 Reference Antibody (Sintilimab, RUO)
Applications	ELISA, Bioactivity: FACS, Functional assay, Research in vivo
Species reactivity	Human
Host species	Human
Clonality	Monoclonal
Isotype	IgG4-kappa
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4.
Concentration	1.57mg/ml
Purity	>95% purity as determined by SDS-PAGE.
Purification	Protein A/G purified from cell culture supernatant.
Target	Programmed cell death protein 1, Protein PD-1, hPD-1, PD1, PDCD1, CD279
Expression system	Mammalian Cells
Accession	Q15116
Endotoxin level	Please contact the lab for this information.
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C for short-term storage (1-2 weeks). Store at -20°C for up to 12 months. For long-term storage, store at -80°C.
Alternative Names	IBI-308, 2072873-06-2
Note	For research use only. Not suitable for clinical or therapeutic use.

Background

Balstilimab is a novel, fully human monoclonal immunoglobulin G4 (IgG4) designed to block PD-1 (programmed cell death protein 1) from interacting with its ligands PD-L1 and PD-L2. PD-1 is a negative regulator of immune activation that is considered a foundational target within the immuno-oncology market.

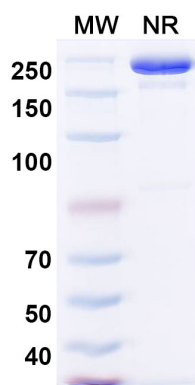
- The blockade of immune checkpoints in cancer immunotherapy., PMID:22437870
- PD-1 and PD-L1 in cancer immunotherapy: clinical implications and future considerations., PMID:30888929
- The diverse functions of the PD1 inhibitory pathway., PMID:28990585
- PD-1/PD-L1 immune checkpoint: Potential target for cancer therapy., PMID:30191996
- Immune Checkpoint Blockade in Cancer Therapy., PMID:25605845
- PD-1 expression and clinical PD-1 blockade in B-cell lymphomas., PMID:29118007
- Overcoming T cell exhaustion in infection and cancer., PMID:25797516
- Study and analysis of antitumor resistance mechanism of PD1/PD-L1 immune checkpoint blocker., PMID:32875727
- Tumor Mutational Burden and Response Rate to PD-1 Inhibition., PMID:29262275
- PD-L1., PMID:29097600

Image Data



SEC-HPLC

SEC-HPLC detection for Research Grade Sintilimab.



SDS-PAGE

SDS-PAGE for Research Grade Sintilimab.