

anti-Human Nivolumab Monoclonal Antibody | anti-PDCD1 antibody

Research Grade Nivolumab

CATALOG # AAA120106	REACTIVITY Human
-------------------------------	----------------------------

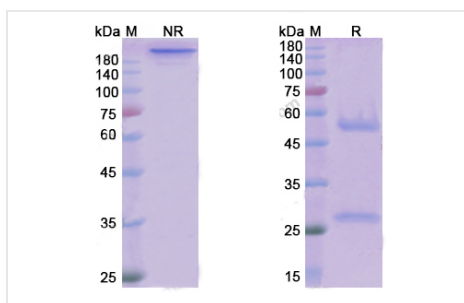
PRODUCT SYNONYMS

Nivolumab; Monoclonal Antibody; Research Grade Nivolumab; BMS-936558; MDX-1106; ONO-4538; Programmed cell death protein 1; Protein PD-1; hPD-1; PD1; PDCD1; CD279; anti-PDCD1 antibody

PRODUCT SPECIFICATIONS

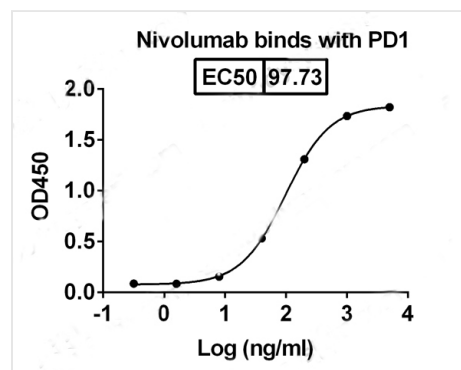
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4-kappa
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. PBS buffer, pH7.4
Concentration	1mg/ml (varies by lot)
Host Species	Human
CAS	946414-94-4
Preparation and Storage	Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE

SDS PAGE for Nivolumab



Bioactivity

Detects Human CD279/PDCD1/PD1 in direct ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PDCD1 antibody	Research Biosimilar
---	---------------------

References	Durable Clinical Benefit With Nivolumab Plus Ipilimumab in DNA Mismatch Repair-Deficient/Microsatellite Instability-High Metastatic Colorectal Cancer, PMID: 29355075 Nivolumab for the treatment of hepatocellular carcinoma, PMID: 30304963 Nivolumab for the treatment of hepatocellular carcinoma, PMID: 32249635 Nivolumab vs investigator's choice in recurrent or metastatic squamous cell carcinoma of the head and neck: 2-year long-term survival update of CheckMate 141 with analyses by tumor PD-L1 expression, PMID: 29884413 Checkpoint immunotherapy by nivolumab for treatment of metastatic melanoma, PMID: 30488824
------------	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	145559515
NCBI GeneID	5133
UniProt Accession #	Q15116; O00517; Q8IX89
Molecular Weight	31,647 Da
NCBI Official Full Name	Programmed cell death protein 1
NCBI Official Synonym Full Names	programmed cell death 1
NCBI Official Symbol	PDCD1
NCBI Official Synonym Symbols	PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1
NCBI Protein Information	programmed cell death protein 1
UniProt Protein Name	Programmed cell death protein 1
UniProt Gene Name	PDCD1
UniProt Synonym Gene Names	PD1; Protein PD-1; hPD-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.