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45-1087: Biotinylated Mouse Monoclonal Antibody to Nivolumab (Clone : 6G5H2E6)

Clonality :	Monoclonal
Clone Name :	6G5H2E6
Application :	ELISA
Conjugate :	Biotin
Format :	Purified
Isotype :	Mouse IgG1
Immunogen Information :	Nivolumab

Description

Nivolumab (Opdivo) is a humanized monoclonal antibody that is approved by the U.S. Food and Drug Administration for the treatment of patients with unresectable or metastatic melanoma. Nivolumab binds to the human cell surface receptor PD-1 (Programmed Cell Death Protein 1) and blocks its interaction with PD-L1, resulting in the activation of T-cell-mediated immune responses against tumor cells. Anti-Nivolumab Antibody (6G5H2E6) [Biotin], mAb, Mouse is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a mouse immunized with Nivolumab.

Product Info

Amount :	40 µg
Purification :	Protein A chromatography
Content :	0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide.
Storage condition :	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application Note

ELISA detection: 0.01-0.1 µg/ml

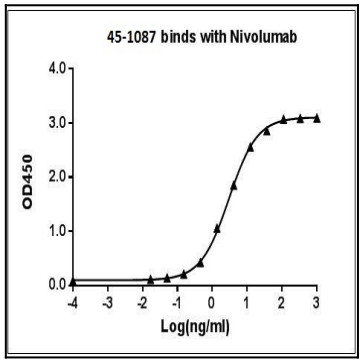


Figure-1 : ELISA binding of Biotin conjugated Nivolumab Antibody (Clone: 6G5H2E6) with Nivolumab, Coating antigen: Nivolumab at 1 µg/ml, Nivolumab antibody dilution start from 1,000 ng/ml, EC50= 3.01ng/ml.

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