9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

45-1083: Mouse Monoclonal Antibody to Pembrolizumab (Clone : 1D6E10)

Clonality :	Monoclonal
Clone Name :	1D6E10
Application :	ELISA
Format :	Purified
Isotype :	Mouse IgG1,Kappa
Immunogen Information :	Pembrolizumab

Description

Pembrolizumab (Keytruda) 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. Pembrolizumab 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-Pembrolizumab Antibody (1D6E10), mAb, Mouse is produced from a hybridoma resulting from fusion of SP2/0 myeloma and B-lymphocytes obtained from a mouse immunized with Pembrolizumab.

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

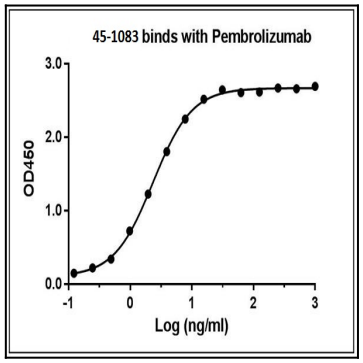

Figure-1 : ELISA binding of Pembrolizumab antibody (Clone: 1D6E10) with Pembrolizumab. Coating antigen: Pembrolizumab at 1 µg/ml. Anti-Pembrolizumab antibody dilution start from 1000 ng/ml, EC50= 2.58 ng/ml

For Research Use Only. Not for use in diagnostic/therapeutics procedures.