

45-1090: Biotinylated Mouse Monoclonal Antibody to Ipilimumab (Clone : 4H6E1D4)

Clonality :	Monoclonal
Clone Name :	4H6E1D4
Application :	ELISA
Conjugate :	Biotin
Format :	Purified
Isotype :	Mouse IgG1
Immunogen Information :	Ipilimumab

Description

Ipilimumab (Yervoy) 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. Ipilimumab works to activate the immune system by targeting CTLA-4 (Cytotoxic T-lymphocyte protein 4), a negative regulator of cytotoxic T-lymphocyte activity. Ipilimumab binds to CTLA-4, blocking the inhibitory signal, which allows the cytotoxic T-lymphocytes to destroy the cancer cells Anti-*Ipilimumab* Antibody (4H6E1D4) [biotin], mAb, Mouse is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a mouse immunized with *Ipilimumab*.

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

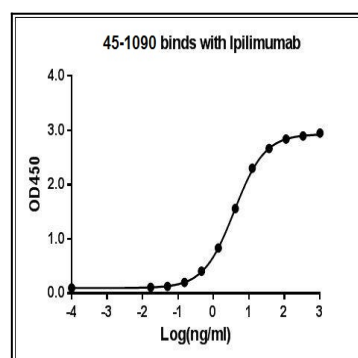


Figure-1 : ELISA binding of Biotin conjugated *Ipilimumab* Antibody (Clone: 4H6E1D4) with *Ipilimumab*, Coating antigen: *Ipilimumab* at 1 µg/ml, *Ipilimumab* antibody dilution start from 1,000 ng/ml, EC₅₀=3.85 ng/ml.