Rev04
Update: Oct,19,2022

**DATASHEET**

# Anti-Ipilimumab Antibody(26B6H7D9), mAb, Mouse

**Cat. No.:** A01859

## Overview

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|---|---|
| **Specificity** | The product is specific for Ipilimumab. The antibody is recommended as a capture antibody in a pharmacokinetic (PK) bridging assay with detection antibody GenScript, A01858-40, Anti- Ipilimumab Antibody (4H6E1D4), mAb, Mouse. |
| **Host Species** | Mouse |
| **Immunogen** | Ipilimumab |
| **Conjugate** | Unconjugated |

## Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

| Application | Recommended Usage |
|---|---|
| ELISA | 0.01-0.1 μg/ml |

## Properties

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|---|---|
| **Form** | Lyophilized |
| **Storage Buffer** | lyophilized with PBS, pH 7.4, containing 0.02% sodium azide. |
| **Reconstitution** | Reconstitute the lyophilized powder with deionized water (or equivalent) to an final concentration of 0.5 mg/mL. |
| **Storage Instructions** | The lyophilized product remains stable up to 1 year at -20 °C from date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid repeated freezing and thawing cycles. |

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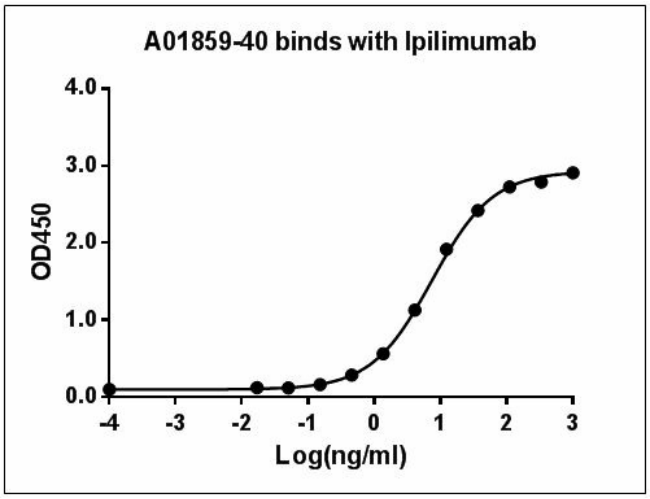
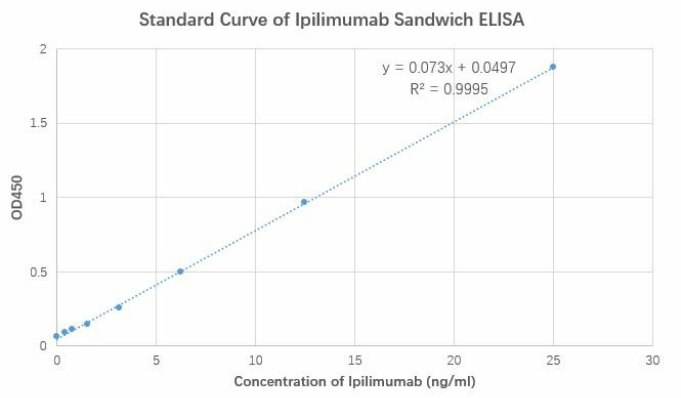
| **Purification** | Protein A affinity column |
| **Isotype** | Mouse IgG1 |
| **Clonality** | Monoclonal |
| **Clone ID** | 26B6H7D9 |

# Examples




**Anti-Ipilimumab Antibody (26B6H7D9), mAb, Mouse** (GenScript, A01859-40) binds with Ipilimumab, while the antibody does not recognize human IgG Fc fragment (data not shown).
Coating antigen: Ipilimumab, 1 μg/ml.
Anti-Ipilimumab antibody (GenScript, A01859-40) dilution start from 1,000 ng/ml.
$EC_{50}$=3.85 ng/ml.




Standard curve of Ipilimumab Sandwich ELISA. The Ipilimumab Sandwich ELISA assay is developed by using Anti-Ipilimumab Antibody(26B6H7D9), mAb, Mouse (GenScript, A01859-40) and Anti-Ipilimumab Antibody (4H6)[Biotin], mAb, Mouse (GenScript, A01858-40) as the capture and detection antibodies, respectively.
GenScript can provide customized conjugation services for this product per the customer's request.
The sensitivity of detecting Ipilimumab is up to 1.56 ng/ml.

# Background

**Target Background :** Ipilimumab (Yervoy) is a humanized monoclonal 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 cellsAnti-Ipilimumab Antibody (26B6H7D9), mAb, Mouse is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a mouse immunized with Ipilimumab.

**Synonyms :** Mouse monoclonal to Yervoy

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