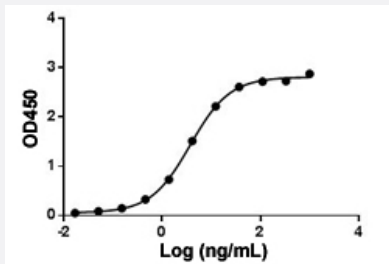


Anti-Atezolizumab monoclonal antibody, clone 43H11 (Biotin)

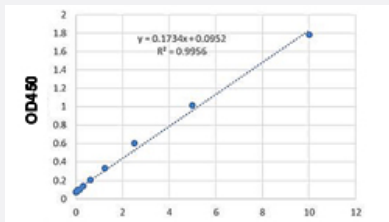
Catalog # MAB23081 Size 40 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA binding of Anti-Atezolizumab monoclonal antibody, clone 43H11 (Biotin) (Cat # MAB23081) with Atezolizumab. While the antibody does not recognize the human IgG Fc fragment (data not shown). Coating antigen: Atezolizumab, 1 ug/mL. Anti-Atezolizumab monoclonal antibody, clone 43H11 (Biotin) (Cat # MAB23081) dilutions start from 1000 ng/mL. $EC_{50} = 3.749$ ng/mL.



Sandwich ELISA

Standard curve of Atezolizumab Sandwich ELISA. The Atezolizumab Sandwich ELISA assay is developed by using Anti-Atezolizumab monoclonal antibody, clone 55D8 (Cat # MAB23079) and Anti-Atezolizumab monoclonal antibody, clone 43H11 (Biotin) (Cat # MAB23081) as the capture and detection antibodies, respectively. The sensitivity of detecting Atezolizumab is up to 156 pg/mL.

Specification

| | |
|----------------------------|---|
| Product Description | Rabbit monoclonal antibody raised against Atezolizumab. Target gene is PD-L1. |
| Immunogen | Atezolizumab. |
| Host | Rabbit |
| Specificity | The antibody is recommended as a detection antibody in a pharmacokinetic (PK) bridging assay with capture antibody Anti-Atezolizumab monoclonal antibody, clone 55D8 (Cat # MAB23079). |
| Form | Lyophilized |
| Conjugation | Biotin |

| | |
|---------------------|---|
| Preparation Method | This antibody is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a rabbit immunized with Atezolizumab. |
| Purification | Protein A purification |
| Isotype | IgG |
| Recommend Usage | ELISA (ELISA detection: 0.01-0.1 ug/mL) (Direct/Indirect ELISA) Sandwich ELISA The optimal working dilution should be determined by the end user. |
| Inhibitory IC50 | N/A |
| Storage Buffer | Lyophilized from PBS, pH 7.4 (1% BSA, 0.02% sodium azide). |
| Storage Instruction | Store at -20°C. The lyophilized product remains stable up to 1 year at -20°C from date of receipt. After reconstitution with deionized water (or equivalent) to a final concentration of 0.5 mg/mL, it can be stored for 2-3 weeks at 2-8°C or for up to 12 months at -20°C or below. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Enzyme-linked Immunoabsorbent Assay

ELISA binding of Anti-Atezolizumab monoclonal antibody, clone 43H11 (Biotin) (Cat # MAB23081) with Atezolizumab. While the antibody does not recognize the human IgG Fc fragment (data not shown). Coating antigen: Atezolizumab, 1 ug/mL. Anti-Atezolizumab monoclonal antibody, clone 43H11 (Biotin) (Cat # MAB23081) dilutions start from 1000 ng/mL. $EC_{50} = 3.749$ ng/mL.

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Gene Info — CD274

| | |
|------------------|--|
| Entrez GeneID | 29126 |
| Gene Name | CD274 |
| Gene Alias | B7-H, B7H1, MGC142294, MGC142296, PD-L1, PDCD1L1, PDCD1LG1, PDL1 |
| Gene Description | CD274 molecule |

Omim ID [605402](#)

Gene Ontology [Hyperlink](#)

Other Designations CD274 antigen|OTTHUMP00000021029|programmed cell death 1 ligand 1

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Addison Disease](#)
- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Narcolepsy](#)
- [Rheumatoid Nodule](#)