



Mouse Anti-Pembrolizumab monoclonal antibody, clone 21F23D7 [Biotin] (CABT-ZB233)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | CABT-ZB233 is produced from a hybridoma resulting from the fusion of SP2/0 myeloma and B-lymphocytes obtained from a mouse immunized with Pembrolizumab. |
| Specificity | The product is specific for Pembrolizumab. |
| Target | Pembrolizumab |
| Immunogen | Pembrolizumab |
| Isotype | IgG1, κ |
| Source/Host | Mouse |
| Clone | 21F23D7 |
| Purification | Protein A purified |
| Conjugate | Biotin |
| Applications | Suitable for use in pharmacokinetic (PK) assay. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended Working Concentration: 0.01-0.1 µg/ml |
| Reconstitution | Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/mL. |
| Format | Purified, Lyophilized. |
| Size | 40 µg |
| Buffer | Lyophilized with PBS, pH 7.4, contains 1% BSA and 0.02% sodium azide. |

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| Preservative | 0.02% sodium azide |
| Storage | 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 freeze/thaw cycles. |
| Ship | Wet ice |

BACKGROUND

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| Introduction | 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. |
| Keywords | Mouse monoclonal antibody to Keytruda; HSDB 8257; Keytruda; Lambrolizumab; MK 3475; Pembrolizumab |

GENE INFORMATION

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| Synonyms | Mouse monoclonal antibody to Keytruda; HSDB 8257; Keytruda; Lambrolizumab; MK 3475; Pembrolizumab |
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