



Mouse Anti-Pembrolizumab monoclonal antibody, clone 2E7F21 (CABT-ZB232)

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

PRODUCT INFORMATION

Product Overview	CABT-ZB232 is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a mouse immunized with Panitumumab.
Specificity	The product is specific for Pembrolizumab.
Target	Pembrolizumab
Immunogen	Pembrolizumab
Isotype	IgG1, κ
Source/Host	Mouse
Clone	2E7F21
Purification	Protein A purified
Conjugate	Unconjugated
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 0.02% sodium azide.

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

Introduction	Panitumumab with trade name Vectibix, is an FDA-approved drug for the treatment of patients with EGFR-expressing metastatic colorectal carcinoma with non-mutated (wild-type) KRAS after failure of fluoropyrimidine-, oxaliplatin- and irinotecan-containing chemotherapy regimens. It is a human monoclonal antibody. Panitumumab binds to the human EGF receptor (EGFR), preventing binding of activating ligands, such as the EGF and transforming growth factor- α .
Keywords	Mouse monoclonal antibody to Keytruda; HSDB 8257; Keytruda; Lambrolizumab; MK 3475; Pembrolizumab

GENE INFORMATION

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