



Mouse Anti-Pertuzumab monoclonal antibody, clone 22I5 (CABT-ZB239)

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

PRODUCT INFORMATION

Product Overview	CABT-ZB239 is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a mouse immunized with Pertuzumab.
Specificity	The product is specific for Pertuzumab (Perjeta).
Target	Pertuzumab
Immunogen	Pertuzumab
Isotype	IgG1, κ
Source/Host	Mouse
Clone	22I5
Purification	Protein A purified
Conjugate	Unconjugated
Applications	Suitable for use in PK bridging ELISA. We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB238 - CABT-ZB239 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 7.2, 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	Pertuzumab (also called 2C4, trade name Perjeta) is a monoclonal antibody used in combination with trastuzumab and docetaxel for the treatment of metastatic HER2-positive breast cancer; it also used in the same combination as a neoadjuvant in early HER2-positive breast cancer. The epitope for pertuzumab is the domain of HER2 where it binds to HER3, and pertuzumab prevents the HER2/HER3 dimer from forming, which blocks signalling by the dimer to prevent HER2 from functioning.
Keywords	Mouse monoclonal antibody to Pertuzumab/Perjeta; HSDB 8141; Omnitarg, 2C4; Perjeta; Pertuzumab

GENE INFORMATION

Synonyms	Mouse monoclonal antibody to Pertuzumab/Perjeta; HSDB 8141; Omnitarg, 2C4; Perjeta; Pertuzumab
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