



# Mouse Anti-Trastuzumab monoclonal antibody, clone 22D5 (CABT-ZB256)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	CABT-ZB256 is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a mouse immunized with Trastuzumab.
<b>Specificity</b>	The product is specific for Trastuzumab.
<b>Target</b>	Trastuzumab
<b>Immunogen</b>	Trastuzumab
<b>Isotype</b>	IgG2a, κ
<b>Source/Host</b>	Mouse
<b>Clone</b>	22D5
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in PK bridging ELISA. We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB256 - CABT-ZB257 Recommended Working Concentration: 0.01-0.1 µg/ml
<b>Reconstitution</b>	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/mL.
<b>Format</b>	Purified, Lyophilized.
<b>Size</b>	40 µg

<b>Buffer</b>	Lyophilized with PBS, pH 7.4, contains 0.02% sodium azide.
<b>Preservative</b>	0.02% sodium azide
<b>Storage</b>	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.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	Trastuzumab with the brand name Herceptin, is an FDA-approved drug for HER2-targeted therapy for breast cancer. It is a recombinant humanized monoclonal antibody (IgG1 kappa). Trastuzumab binds to HER2 receptor present on the surface of HER2-positive tumour cells and suppresses the cells growth and proliferation.
<b>Keywords</b>	Mouse monoclonal antibody to Herceptin; Trastuzumab; Herclon; Herceptin; Anti-Her2 antibody

## GENE INFORMATION

<b>Synonyms</b>	Mouse monoclonal antibody to Herceptin; Trastuzumab; Herclon; Herceptin; Anti-Her2 antibody
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