

VivoGenie Anti-Human HER2 (Pertuzumab) Biosimilar

IVMB0415

Description

This VivoGenie Anti-Human HER2 (Pertuzumab) Biosimilar is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	IVMB0415
Contents:	1mg, 5mg, 25mg, 50mg Bradford Reagent: 1 vial (2ml)
Synonyms:	ERBB2, CD340, NGL, TKR1
Category:	Biosimilar Recombinant Human Monoclonal Antibody
Target:	HER-2/neu
Clone:	2C4
Isotype:	Human IgG1 κ
Applications:	ELISA FA N
Specificity:	This non-therapeutic biosimilar antibody uses the same variable region sequence as the therapeutic antibody Pertuzumab. This product is for research use only. Pertuzumab binds specifically to human and cynomolgus HER2 near the center of extracellular domain II of the dimerization arm, adjacent to the binding pocket used for receptor dimerization.

Antibody Data

Reactivity:	Human
Host species:	Human
Expression Host:	HEK-293 Cells

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

Immunogen:	Humanized Antibody derived from Mouse clone 2C4.
Product concentration:	≥ 5.0 mg/ml
Endotoxin Level:	< 1.0 EU/mg as determined by the LAL method
Purity:	≥95% by SDS Page, ≥95% Monomer by analytical SEC
Formulation:	This biosimilar antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

Preparation & Storage

Storage:	Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at ≤ -70°C. Avoid Repeated Freeze Thaw Cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Shipping:	2-8°C Wet Ice
Preparation:	Recombinant biosimilar antibodies are manufactured in an animal free facility using only in vitro protein free cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.
Recommended Dilution Buffer:	-
Recommended Usage:	-
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol