



Human ErbB2/Her2 Monoclonal Antibody (Research Grade Pertuzumab Biosimilar)

Recombinant Monoclonal Human IgG1 Clone #FB012

Catalog Number: BIO-017

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ErbB2/Her2 in direct ELISA. This non-therapeutic antibody uses the same variable region sequences (VH, VL) as the therapeutic antibody Pertuzumab. This product is for research use only.
Source	Recombinant Monoclonal Human IgG1 Clone #FB012
Purification	Protein A/G purified from CHO cell culture supernatant
Immunogen	Human ErbB2/Her2
Endotoxin Level	<0.10 EU per 1 µg of the antibody by the LAL method
Formulation	0.2 µm filtered solution in PBS

APPLICATION

ELISA	This antibody functions as an ELISA detection antibody for the specific antigen in direct ELISA. Colorimetric detection is performed after addition of a suitable substrate.
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PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/ml in sterile 1xPBS
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 to -70°C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none">• 12 months from the date or receipt, -20 to -70°C as supplied.• 1 month, 2 to 8°C under sterile conditions

BACKGROUND

Pertuzumab is a humanized monoclonal antibodies used in the treatment of Her2-positive breast cancer. Pertuzumab binds to the dimerization domain, inhibiting Her2 heterodimerization with other HER family receptors. It induces antibody-dependent cell-mediated cytotoxicity.