

Rev01
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DATASHEET

Anti-Pertuzumab Antibody, pAb, Rabbit

Cat. No.: A02220

Overview

Specificity	This product is specific for Pertuzumab
Host Species	Rabbit
Immunogen	Pertuzumab F(ab') ₂
Conjugate	Unconjugated

Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Application	Recommended Usage
ELISA	0.01-0.1 µg/ml

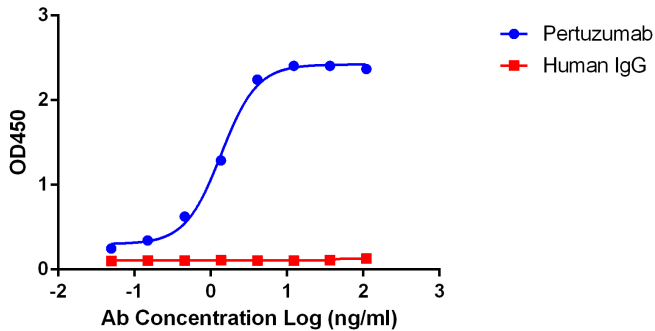
Properties

Form	Lyophilized
Storage Buffer	Lyophilized with PBS, pH 7.2, containing 0.02% sodium azide.
Reconstitution	Reconstitute the lyophilized antibody with deionized water (or equivalent) to a final concentration of 0.5 mg/mL.
Storage Instructions	The lyophilized product remains stable for up to 1 year at -20 °C from the 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 repeated freezing and thawing cycles.
Purification	Antigen affinity purification
Isotype	Rabbit IgG
Clonality	Polyclonal

Note GenScript can customize this product per customer's request including product size, buffer components, etc.

Examples

Anti-Pertuzumab Antibody, pAb, Rabbit binds with Pertuzumab and Human IgG



ELISA binding of Anti-Pertuzumab Antibody, pAb, Rabbit (GenScript, A02220) with Pertuzumab and Human IgG. Coating antigen: Ranibizumab and Human IgG, 1 µg/ml. Anti-Pertuzumab Antibody, pAb, Rabbit (GenScript, A02220) dilution start from 0.1 µg/ml.

Background

Target Background : 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 is 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 in turn blocks signaling by the dimer and as a result prevents HER2 from functioning.

Synonyms : Perjeta, PERTUZUMAB, 2C4, 2C4 Antibody

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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