

Monoclonal Anti-Pertuzumab Antibody, Mouse IgG1 (5D1)

Catalog # HPB-MY2507



Source

Monoclonal Anti-Pertuzumab Antibody, Mouse IgG1 (5D1) is a recombinant mouse monoclonal antibody expressed in HEK293 cells.

Antibody Type

Recombinant Monoclonal

Clone

5D1

Isotype

Mouse IgG1, Kappa

Host Species

Mouse

Specificity

Specifically recognizes Human Pertuzumab; This antibody is a neutralizing antibody.

Purification

Protein A purified / Protein G purified.

Aggregation

Less than 5%, as determined by SEC-MALS.

Concentration

Please refer to the Certificate of Analysis (CoA).

Form

Lyophilized

Formulation

Lyophilized from a 0.22 µm-filtered solution in PBS (pH 7.4), with trehalose as protectant.

Please contact us for customized product forms or formulations.

Reconstitution

Please refer to the Certificate of Analysis (CoA) for specific instructions.

Shipping

Lyophilized product is shipped at ambient temperature.

Storage

For long term storage, the product should be stored in a lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

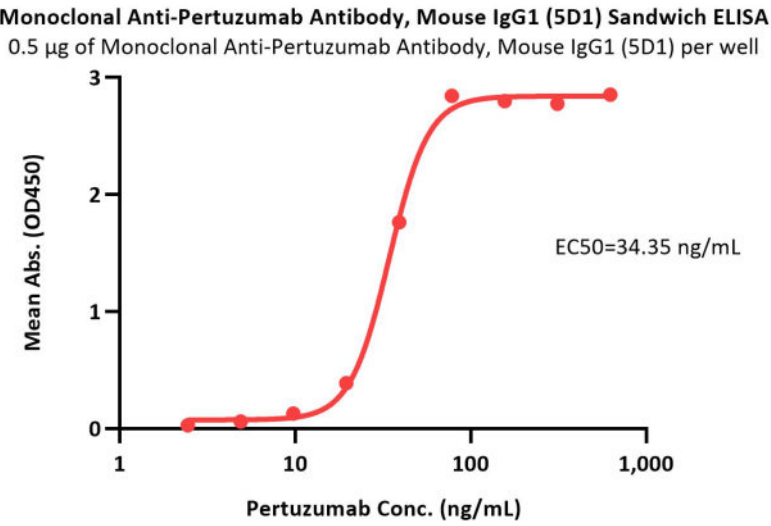
Notices

Product Specific Notices: For research use only.

ACRO Quality Management System

- [QMS\(ISO, GMP\)](#).
- [Quality Advantages](#)
- [Quality Control Process](#)

Bioactivity-ELISA



Immobilized Monoclonal Anti-Pertuzumab Antibody, Mouse IgG1 (5D1) (Cat. No. HPB-MY2507) at 5 µg/mL, add Pertuzumab and then add Biotinylated Monoclonal Anti-Pertuzumab Antibody, Mouse IgG1 (4D9) (Cat. No. HPB-BLMY2506) at 2 µg/mL. Detection was performed using HRP-conjugated Streptavidin (Acro, Cat. No. STN-NH913) (QC tested).

Background

Pertuzumab is a human epidermal growth factor receptor 2 (HER2/ErbB2) binding humanized monoclonal antibody. Pertuzumab is composed of the Fv (variable; antigen-binding) regions of the 2C4 murine HER2 monoclonal antibody specific for the extracellular dimerization domain (subdomain II) of human HER2 with human IgG1 heavy and kappa light chain constant (framework) regions.



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