

HRP conjugated Monoclonal Anti-PTX Antibody, Rabbit IgG (M1C05)

Catalog # PTX-HMY2605



Source

HRP conjugated Monoclonal Anti-PTX Antibody, Rabbit IgG (M1C05) is a recombinant rabbit monoclonal antibody expressed in HEK293 cells.

Antibody Type

Recombinant Monoclonal

Clone

M1C05

Isotype

Rabbit IgG, Kappa

Host Species

Rabbit

Conjugate

HRP conjugated

Specificity

Specifically recognizes PTX.

Application

Application	Recommended Use
ELISA	2-20 ng/mL
PK Assay Development	0.05 µg/mL (50 ng/mL)

** Recommended dilutions are for reference only. Optimal working concentrations may vary depending on your consumables, reagents, and assay conditions. We recommend optimizing for your specific system. No warranty is made regarding performance at any specific dilution.*

Purification

Protein A purified.

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) containing 0.01% PF68, 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 at lyophilized state at -20°C or lower.

Please protect from light and 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.

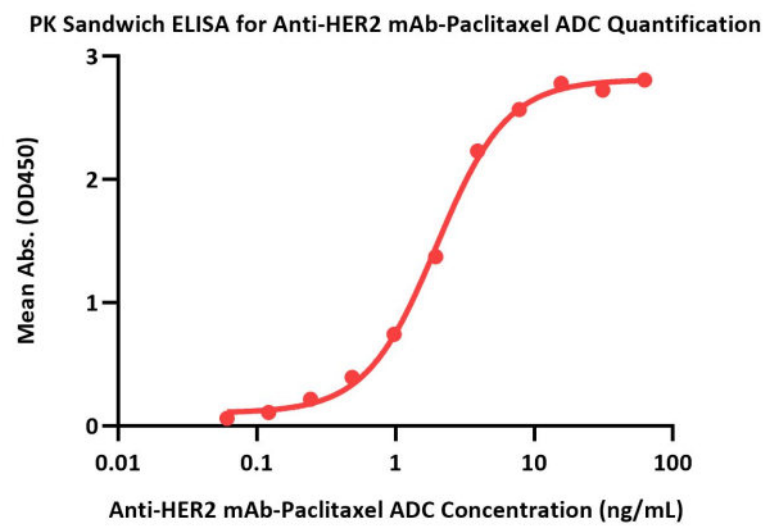
Notices

Product Specific Notices: For research use only.

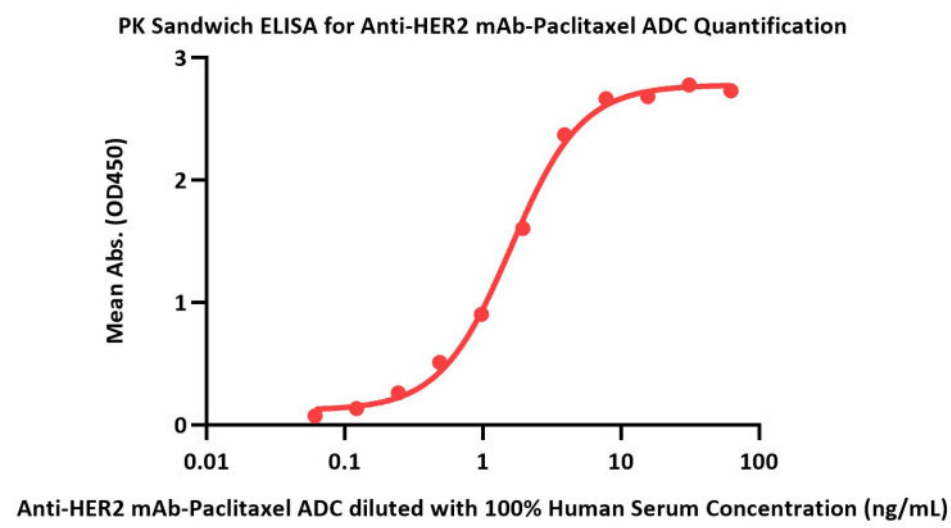
ACRO Quality Management System

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

Activity-ELISA



Human HER2, His Tag (Cat. No. HE2-H5225) was immobilized at 1 µg/mL. Anti-HER2 mAb-Paclitaxel ADC was added. Detection was performed using HRP conjugated Monoclonal Anti-PTX Antibody, Rabbit IgG (M1C05) (Acro, Cat. No. PTX-HMY2605) at 0.05 µg/mL (QC tested).



Human HER2, His Tag (Cat. No. HE2-H5225) was immobilized at 1 µg/mL. Anti-HER2 mAb-Paclitaxel ADC diluted in 100% human serum was added. Detection was performed using HRP conjugated Monoclonal Anti-PTX Antibody, Rabbit IgG (M1C05) (Acro, Cat. No. PTX-HMY2605) at 0.05 µg/mL (Routinely tested).

Background

Paclitaxel (PTX) is a natural diterpenoid anticancer compound extracted from *Taxus brevifolia*. It stabilizes microtubule structure, inhibits tubulin depolymerization and arrests cell mitosis, thus exerting broad-spectrum antitumor activity and being widely used in clinical chemotherapy.

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