

Monoclonal Anti-PTX Antibody, Rabbit IgG (M1C05)

Catalog # PTX-MY2605



Source

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

Specificity

Specifically recognizes PTX.

Purification

Protein A purified / Protein G 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), 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.

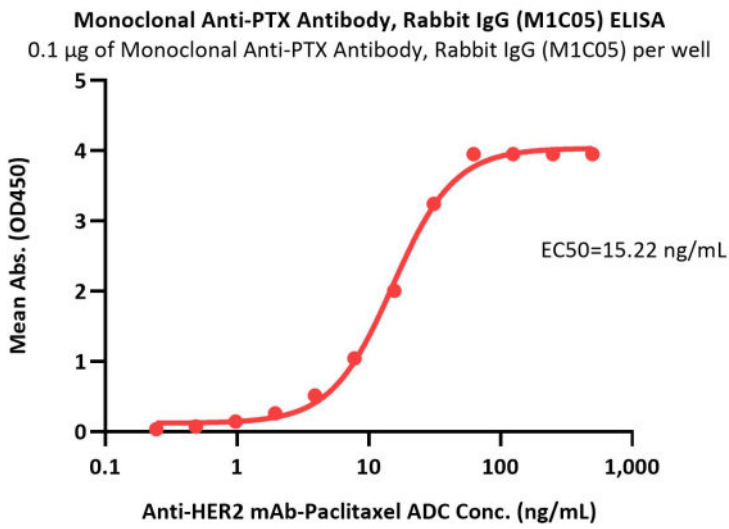
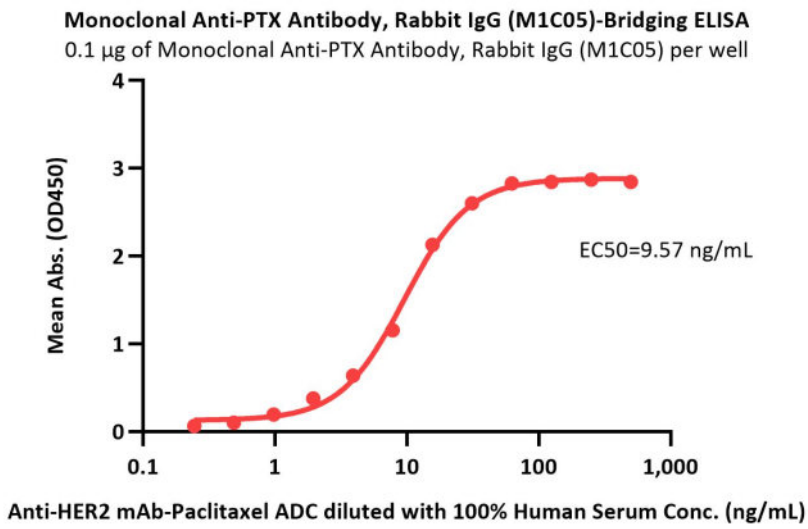
Notices

Product Specific Notices: For research use only.

ACRO Quality Management System

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

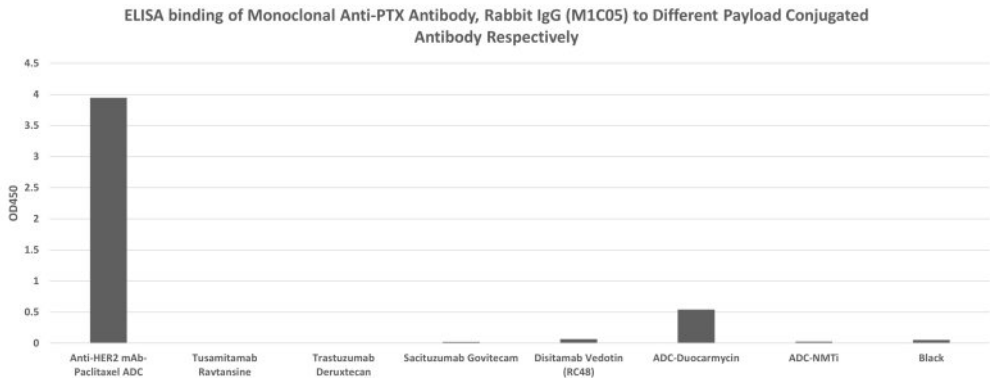
Bioactivity-ELISA



Immobilized Monoclonal Anti-PTX Antibody, Rabbit IgG (M1C05) (Cat. No. PTX-MY2605) at 1 µg/mL, add Anti-HER2 mAb-Paclitaxel ADC in the 100% Human Serum and then add Biotinylated Human Her2, His,Avitag, premium grade (Cat. No. HE2-H82E2) at 0.5 µg/mL. Detection was performed using HRP-conjugated Streptavidin (Acro, Cat. No. STN-NH913) (QC tested).

Immobilized Monoclonal Anti-PTX Antibody, Rabbit IgG (M1C05) (Cat. No. PTX-MY2605) at 1 µg/mL (100 µL/well) can bind Anti-HER2 mAb-Paclitaxel ADC with a linear range of 0.2-31 ng/mL (Routinely tested).

Cross Verification



ELISA binding of Monoclonal Anti-PTX Antibody, Rabbit IgG (M1C05) (Cat. No. PTX-MY2605) with Anti-HER2 mAb-Paclitaxel ADC, Tusamitamab Ravtansine, Trastuzumab Deruxtecan, Sacituzumab Govitecan, Disitamab Vedotin (RC48), ADC-Duocarmycin, and ADC-NMTi conjugated antibody respectively.
The coating antibody was Monoclonal Anti-PTX Antibody, Rabbit IgG (M1C05) (Cat. No. PTX-MY2605), used at 1 µg/mL concentration. The primary antibody were different payload conjugated antibodies, including Anti-HER2 mAb-Paclitaxel ADC, Tusamitamab Ravtansine, Trastuzumab Deruxtecan, Sacituzumab Govitecan, Disitamab Vedotin (RC48), ADC-Duocarmycin, and ADC-NMTi conjugated antibodies used at 0.5 µg/mL concentration. The secondary antibody was HRP conjugated Anti-Human-IgG-Fc Antibody (6F11C8), mAb (Acro, Cat. No. IGG-LY69) used at 1:10000 concentration.
Monoclonal Anti-PTX Antibody, Rabbit IgG (M1C05) (Cat. No. PTX-MY2605) is specific to Anti-HER2 mAb-Paclitaxel ADC and has no cross-reactivity with Tusamitamab Ravtansine, Trastuzumab Deruxtecan, Sacituzumab Govitecan, Disitamab Vedotin (RC48), ADC-Duocarmycin and ADC-NMTi (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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