Anti-Eribulin Antibody Screening Panel

Catalog # APA-03

Product Details

This antibody panel comprises three distinct rabbit monoclonal antibodies against Eribulin, with slight differences in their recognition epitopes. Consequently, they may exhibit varying affinity levels towards different Eribulin analogs or different conjugates of Eribulin and linkers. This panel can be used to conduct preliminary experiments for screening the optimal antibody clone.

Components

Cat.No.	Clone	Size
ERN-MY2062b	1M1F5	20 ug
ERN-MY2063b	1M2B11	20 ug
ERN-MY2012b	1M1G11	20 ug

Specificity

Specifically recognizes Eribulin.

Source

This panel contains three anti-Eribulin monoclonal antibodies, suitable for pharmacokinetic (PK) detection of ADC with Eribulin as the payload. All the anti-Eribulin monoclonal antibodies are recombinantly expressed from HEK293, can be used as a capture antibody for detecting conjugated antibodies in ELISA assay.

Isotype

Rabbit IgG | Rabbit Kappa

Purification

Protein A purified / Protein G purified

Formulation

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

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

Please avoid repeated freeze-thaw cycles.

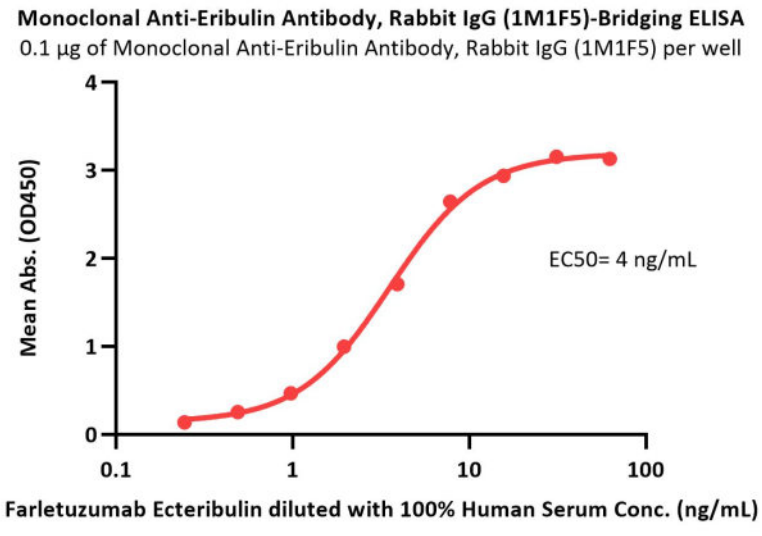
This product is stable after storage at:

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

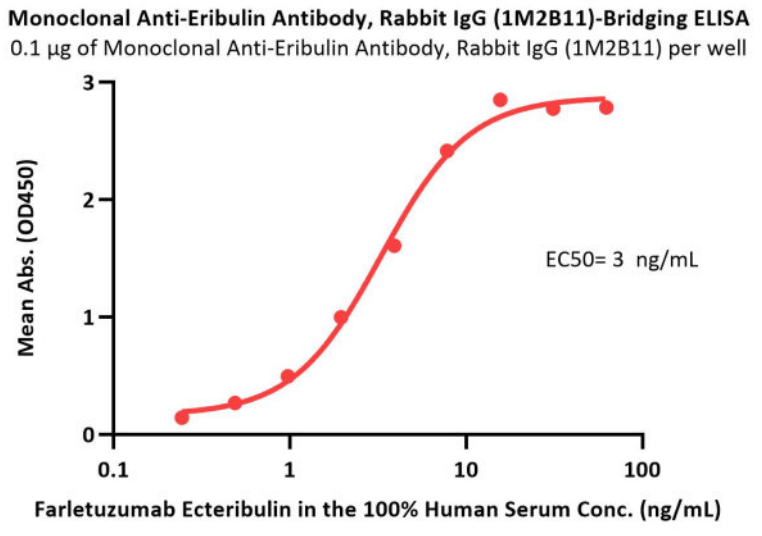
ACRO Quality Management System

- QMS(ISO, GMP)
- Quality Advantages
- Quality Control Process

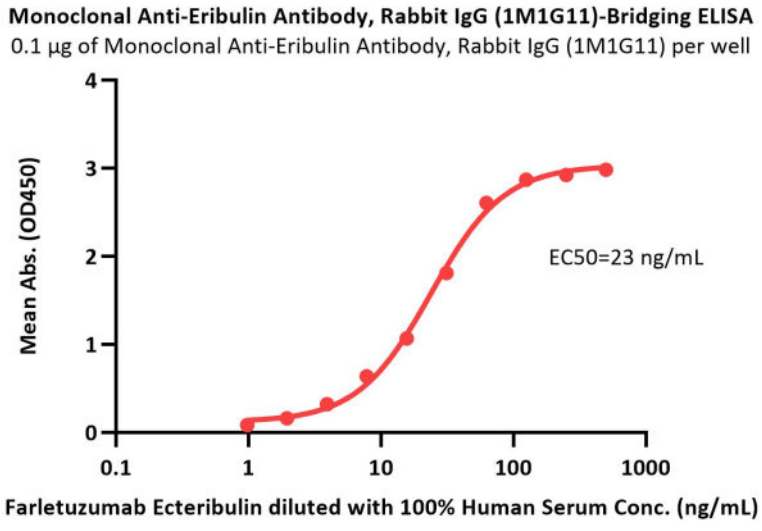
Bioactivity-ELISA



Immobilized Monoclonal Anti-Eribulin Antibody, Rabbit IgG (1M1F5) (Cat. No. ERN-MY2062b) at 1 μg/mL, add Farletuzumab Ecteribulin in the 100% Human Serum and then add Biotinylated Human FOLR1, Fc,Avitag (Cat. No. FO1-H82F9) at 0.5 μg/mL. Detection was performed using HRP-conjugated Streptavidin (Acro, Cat. No. STN-NH913) (QC tested).



Immobilized Monoclonal Anti-Eribulin Antibody, Rabbit IgG (1M2B11) (Cat. No. ERN-MY2063b) at 1 μg/mL, add Farletuzumab Ecteribulin in the 100% Human Serum and then add Biotinylated Human FOLR1, Fc,Avitag (Cat. No. FO1-H82F9) at 0.5 μg/mL. Detection was performed using HRP-conjugated Streptavidin (Acro, Cat. No. STN-NH913) (QC tested).



Immobilized Monoclonal Anti-Eribulin Antibody, Rabbit IgG (1M1G11) (Cat. No. ERN-MY2012b) at 1 μg/mL, add Farletuzumab Ecteribulin in the 100% Human Serum and then add Biotinylated Human FOLR1, His,Avitag (Cat. No. FO1-H82E2) at 1.5 μg/mL. Detection was performed using HRP-conjugated Streptavidin (Acro, Cat. No. STN-NH913) (QC tested).

Background

Eribulin is a synthetic analogue of the macrocyclic polyether halichondrin B, which was originally isolated from the Asian sea sponge Halichondria okadai. Eribulin binds specifically to the β-tubulin subunit on the (+) end of the microtubule and potently inhibits elongation of the formed microtubule, while having little or no effect on microtubule depolymerization. Eribulin's potent antimitotic activity and nonmitotic effects on tumor biology make it an interesting candidate for investigation as a MTA payload for ADCs.