Eribulin Monoclonal Antibody

目录号 Catalog Number	176729
产品描述 Product Description	Product has been tested in direct ELISA.
宿主 Host	Mouse
反应性 Reactivity	Chemical
克隆性 Clonality	Monoclonal
抗体亚型 Ig Type	Mouse IgG1, κ
验证应用 Tested Applications	ELISA

产品信息

制备方法 Preparation	Eribulin conjugated with BSA. Protein G affinity purified
剂型 Formulation	PBS(pH7.4), lyophilized. **Reconstitution: Adding sterile water, prepare a stock solution of 2.0 mg/ml.**
储存 Storage	Store at -20℃. Avoid freeze / thaw cycles.

应用与推荐稀释比 Applications & Dilutions

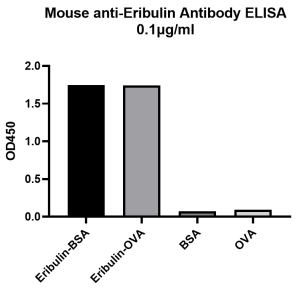
应用 Application	推荐稀释比例 Dilution
ELISA	1:5,000-1:20,000

描述 & 验证

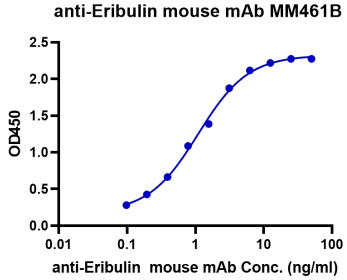
研究背景 Background

Eribulin is a synthetic analogue of halichondrin B which is a large polyether macrolide derived from a very strong natural mitotic tubule inhibitor. Eribulin acts by inhibiting the dynamics of the microtubules. It binds to the plus ends of the microtubules and suppresses the microtubule growth in the interphase cells without affecting the shortening phase and sequesters tubulin into nonproductive aggregates, leading to G2/M cell-cycle block and ultimately apoptosis after prolonged mitotic blockage. Its mechanism is distinct from other microtubule inhibitors like vinca alkaloids and taxanes, which affect both the shortening and growing phases.

验证图片 Validation Images



ELISA Binding Assay of Anti-Eribulin Antibody to different proteins.
ELISA analysis of Anti-Eribulin Monoclonal Antibody with Eribulin-BSA, Eribulin-OVA , BAS and OVA. Anti-Eribulin Monoclonal Antibody can bind to Eribulin-BSA or Eribulin-OVA but not carrier proteins.



ELISA Binding Assay of Anti-Eribulin Antibody
Immobilized Eribulin ADC at 2μg/mL (100μL/well) can bind anti-Eribulin mouse monoclonal antibody.