Budesonide Monoclonal Antibody

目录号 Catalog Number	176733
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	Budesonide 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

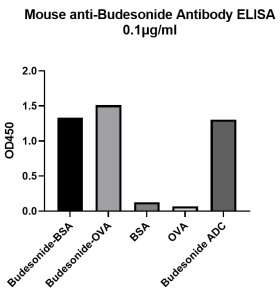
应用 Application	推荐稀释比例 Dilution
ELISA	1:5,000-1:20,000

描述 & 验证

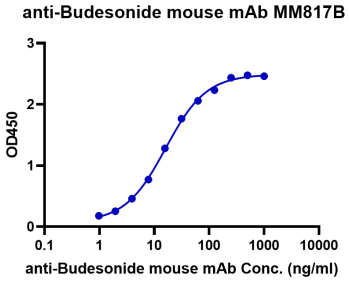
研究背景 Background

Budesonide is a potent corticosteroid medication renowned for its efficacy in managing inflammatory diseases affecting both the airways and gastrointestinal tract. This glucocorticoid exerts its therapeutic effects primarily through topical administration, demonstrating a remarkable ability to alleviate symptoms with less impact on the hypothalamic-pituitary-adrenal axis compared to equivalent doses of oral prednisone. Beyond its traditional uses, budesonide has also found application as a payload in antibody–drug conjugates, underscoring its versatility in combating inflammatory conditions and even cancer. By binding to glucocorticoid receptors, budesonide initiates cascades of gene expression changes that modulate inflammation over varying time frames, making it a cornerstone in the treatment of diverse inflammatory disorders.

验证图片 Validation Images



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



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