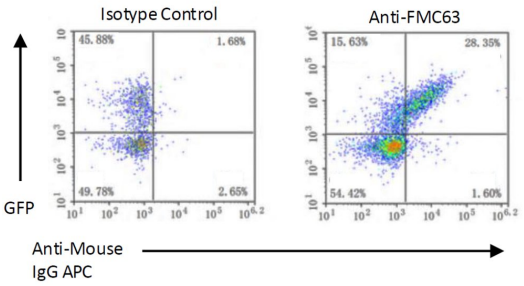
Anti-FMC63 Monoclonal Antibody

目录号 Catalog Number	177239
宿主 Host	Mouse
克隆性 Clonality	Monoclonal
抗体亚型 Ig Type	Mouse IgG1, κ
验证应用 Tested Applications	FC

产品信息

制备方法 Preparation	Recombinant FMC63 scFv derived from HEK293 cells used as antigen.
剂型 Formulation	PBS (pH7.4)
储存 Storage	Store at -20℃. Avoid freeze / thaw cycles.
应用与推荐稀释比 Applications & Dilutions	Flow Cytometry (Evaluation of Anti-CD19 (FMC63 scFv) CAR Expression).

描述 & 验证

研究背景 Background	FMC63is a murine-derived scFv targeting a conserved CD19 epitope on B-cell malignancies, with high affinity and stability for robust tumor recognition. It serves as the antigen-sensing domain in FDA/EMA-approved CAR-T therapies (e.g., Kymriah®), enabling potent T-cell activation and cytotoxic killing of CD19+ cancer cells.
验证图片 Validation Images	 Detection of FMC63-GFP Jurkat cells. Flow cytometric analysis was conducted on Jurkat cells transfected with GFP-FMC63, with staining performed using anti-FMC63 antibody and isotype control.