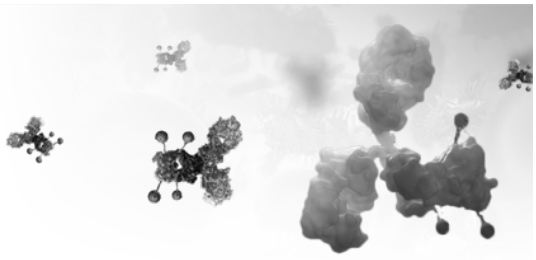

Mouse Anti-FMC63 scFv Monoclonal Antibody, clone Z56 (CABT-Z294M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Specifically recognizes the antigen-recognition domain of FMC63 derived CARs.
Immunogen	FMC63 scFv
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	N/A
Clone	Z56
Purification	Purified
Conjugate	Unconjugated
Applications	FC Recommended dilution: For FC, the suggested use of this reagent is 2 µL stock solution per million cells in 100 µL volume. It is recommended that the reagent be titrated for optimal performance for each application. The stock solution should be diluted with dilution buffer (PBS containing 2% BSA) just before the assay, and storage of diluted solution is generally not recommended.
Reconstitution	Reconstitute the lyophilized Monoclonal Anti-FMC63 scFv Antibody, Mouse IgG1 with 50 µL sterile deionized water to a stock solution. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Avoid vigorous shaking or vortexing.
Format	Lyophilized
Size	25 tests

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Buffer	PBS solution, pH7.4, containing 0.5% BSA and 10% trehalose
Preservative	None
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.
Ship	Wet ice

BACKGROUND

Introduction	FMC63 is an IgG2a mouse monoclonal antibody specific for CD19, which is a target for the immunotherapy of B lineage leukaemias and lymphomas. FMC63 scFv is the most commonly used ectodomain component of CD19-specific CARs. So far, most of reported CART19 trials contain the anti-CD19 scFv derived from FMC63, including the two FDA-approved CARs Kymriah and Yescarta.
Keywords	FMC63;Anti-CD19

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