

Human BCMA-PE CAR TEST Kit

Summary

Code#	APK150
Protein Construction	Human BCMA/TNFRSF17 (Met1-Ala54) conjugated to PE
Expression System	CHO
Purity	Recombinant Expression and Affinity purified
Conjugate	PE(Ex: 488nm, Em: 575nm)
Formation	Liquid, 10mM PBS (pH 7.5), 0.05% sucrose, 0.1% trehalose, 0.01% proclin300
Storage	Store at 4°C(Avoid freeze / thaw cycles), protect from light

Description

Human BCMA-PE CAR TEST Kit is designed for detecting antibody expression of CAR related cell specifically. Human BCMA-PE CAR TEST Kit is recombinant human BCMA antigen fused to PE. Based on FCM and/or ELISA, BCMA-PE CAR TEST Kit reacts with Anti-human BCMA antibody and their chimerism.

Background

BCMA (B-cell maturation antigen), also called TNFRSF17, is encoded by the TNFRSF17 gene. It acts as a cell surface receptor of the TNF receptor superfamily. BCMA recognizes B-cell activating factor (BAFF). It interacts with the B-cell activating factor TNFSF13B.

Benefits

High lot-to-lot consistency

Application notes

Flow Cytometry Detection

- (1) Take 5×10^5 test cells, wash them twice with pre-cooled FACS Buffer, and centrifuge at 1500 rpm for 5 minutes each time, Finally, resuspend with 100 μ L FACS Buffer;
- (2) Add 1 μ L of Human BCMA-PE solution to the cell suspension and mix well. Incubate in the dark at 2-8°C for 30 minutes
- (3)After incubation, wash twice with pre-cooled FACS Buffer, then resuspend in 200 μ L FACS Buffer for machine detection.

*FACS Buffer: 1×PBS(pH7.4), 2%BSA

Dilution factors are presented in the form of a range because the optimal dilution is a function of many factors, such as antigen density, permeability, etc. The actual dilution used must be determined empirically.

This product is for research use only and is not approved for use in humans or in clinical