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人 T/B/NK 细胞流式检测试剂盒

Human T/B/NK Flow Kit (CD3 FITC/CD16+56 PE/CD45 PerCP/CD19 APC)

Catalog No.：BFK003

Size：25T / 50T / 100T

Storage: Store between 2°C and 8°C for one year. Avoid repeated freeze/thaw cycles.

Materials Provided：

Cat No.	Product	**25T**	**50T**	**100T**
BFK003-1	FITC anti-human CD3	0.25ml	0.5ml	1ml
BFK003-2	PE anti-human CD56	0.25ml	0.5ml	1ml
BFK003-3	PE anti-human CD16	0.25ml	0.5ml	1ml
BFK003-4	PerCP anti-human CD45	0.25ml	0.5ml	1ml
BFK003-5	APC anti-human CD19	0.25ml	0.5ml	1ml
BFK003-6	FITC mouse IgG1,k Isotype Control	0.1ml	0.1ml	0.1ml
BFK003-7	PE mouse IgG1,k Isotype Control	0.1ml	0.1ml	0.1ml
BFK003-8	PerCP mouse IgG2a Isotype Control	0.1ml	0.1ml	0.1ml
BFK003-9	APC mouse IgG1 Isotype Control	0.1ml	0.1ml	0.1ml

Description：

Total T lymphocyte percentages can be used to characterize some forms of immunodeficiency and autoimmune diseases.NK lymphocytes,identified as being CD3-,CD16+and/or CD56+have been shown to mediate cytotoxicity against certain tumors and virus-infected target cell.CD19 is involved in B cell development.B Cells which is characterized by CD3-,CD19+.

Experimental Methods:

(The following is a general protocol, optimization is required for best results of your experiment.

Please contact us by email or by phone for further technical support.)

1. Take 100ul peripheral blood anticoagulated by EDTA and add to the bottom of 5ml tube;
2. Add 10ul FITC anti-human CD3,10ul PE anti-human CD56,10ul PE anti-human CD16,10ul PerCP anti-human CD45 and 10ul APC anti-human CD19 to the bottom of flow tube mixing with the peripheral blood, incubate for 20 minutes at room temperature away from light;
3. Add 2ml 1×RBC lysis buffer, incubate for 10 minutes away from light after mixing, dissolve red blood cells (recommended: Red Blood Cell Lysis Buffer, 10× (C03-05002));
4. Sample tube is set to 1000 rpm centrifugation for 5 minutes,discard the supernatant;
5. Add 2ml PBS to resuspend the cells,then 1000 rpm centrifugation for 5 minutes,discard the supernatant;
6. Add 0.5ml PBS to resuspend the cells and detect by flow cytometry (sample should be determined on the day on the machine and can also be added fixation overnight at 4℃ then measured).

Experimantal Data: