

Technical Data Sheet

Rat Compensation Set

Product Information

Material Number: 558517
Size: 20 tests
Component: 51-9004354
Description: APC Mouse anti-Rat CD3
Size: 20 tests (1 ea)
Vol. per Test: 20 µl
Clone Name: 1F4
Isotype: Mouse (BALB/c) IgM, κ
Storage Buffer: Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Component: 51-9004355
Description: PE Mouse anti-Rat CD4
Size: 20 tests (1 ea)
Vol. per Test: 20 µl
Clone Name: OX-35
Isotype: Mouse (BALB/c) IgG2a, κ
Storage Buffer: Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Component: 51-9004686
Description: FITC Mouse anti-Rat CD8a
Size: 20 tests (1 ea)
Vol. per Test: 20 µl
Clone Name: OX-8
Isotype: Mouse (BALB/c) IgG1, κ
Storage Buffer: Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Description

The Rat Compensation Set is intended to be used with the Rat T lymphocyte Cocktail (Cat. no. 558493) or the Rat T/B/NK Cell Cocktail (Cat. no. 558495) for instrument compensation. Compensation is the process by which the effect of spectral overlap among fluorochemicals can be corrected minimizing fluorescence signal spillover in neighboring channels. Traditionally, compensation values are entered into software programs allowing for the adjustment among the overlapping fluorochemical emissions. These values can be achieved using single color controls, and verified using fluorescence-minus-one controls, or ad-mixtures of single color controls. Use this set to properly adjust your FITC/PE/APC compensation matrix for the Rat T Lymphocyte or Rat T/B/NK Cell Cocktails.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

The antibody was conjugated to APC under optimum conditions, and unconjugated antibody and free APC were removed.

The antibody was conjugated with R-PE under optimum conditions, and unconjugated antibody and free PE were removed.

The antibody was conjugated with FITC under optimum conditions, and unreacted FITC was removed.

Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes

Application

Flow cytometry	Routinely Tested
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Suggested Companion Products

Catalog Number	Name	Size	Clone
558495	Rat T/B/NK Cell Cocktail	50 tests	(none)
558493	Rat T Lymphocyte Cocktail	50 tests	(none)

Product Notices

- Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.

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2. Source of all serum proteins is from USDA inspected abattoirs located in the United States.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

References

Shapiro, HM. *Practical Flow Cytometry*. New York: Wiley-Liss, Inc; 1995:18-19. (Biology)