Technical Data Sheet

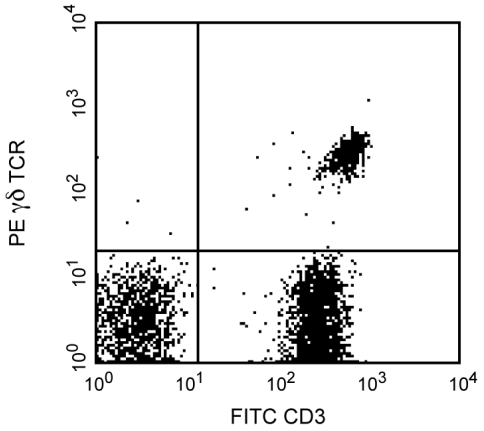
PE Mouse Anti-Human TCR γδ

Product Information

Material Number:	**561994**
Size:	25 µg
Concentration:	0.2 mg/ml
Clone:	B1
Isotype:	Mouse IgG1, κ
Reactivity:	QC Testing: Human
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

Recognizes the γ/δ T-cell receptor (TCR). This receptor complex consists of two disulfide-linked glycoproteins, a γ chain (45-60 kDa) and a δ subunit (40-60 kDa). γ/δ TCR is expressed in less than 10% of human peripheral T cells. The physiological significance of γ/δ+ T cells is still unknown. There is evidence indicating that these cells recognize bacterial ligands and some tumor cells. Reports suggest that γ/δ+ T cells may play a role in the immune reaction during infection and in regulation of pathphysiological autoimmune responses.



Profile of peripheral blood lymphocytes analyzed by flow cytometry.

Preparation and Storage

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

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

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

Application Notes

Application

Flow cytometry	Routinely Tested

Suggested Companion Products

Catalog Number	Name	Size	Clone
555749	PE Mouse IgG1, κ Isotype Control	100 tests	MOPC-21
555335	APC Mouse Anti-Human CD3	100 tests	UCHT1
555916	FITC Mouse Anti-Human CD3	100 tests	UCHT1

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
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.
4. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at www.bdbiosciences.com/colors.
5. An isotype control should be used at the same concentration as the antibody of interest.

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References

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