

Technical Data Sheet

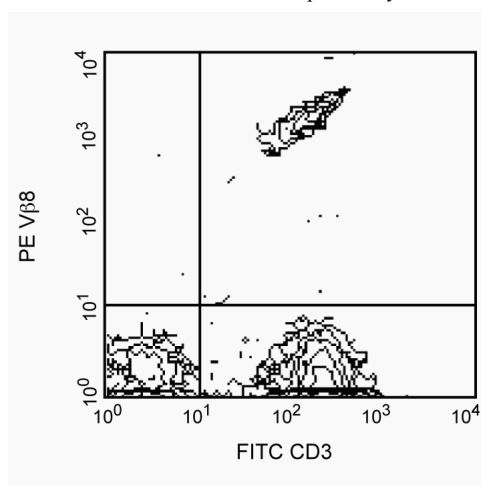
PE Mouse Anti-Human Vβ8

Product Information

Material Number:	555607
Alternate Name:	BV8
Size:	0.1 mg
Concentration:	0.2 mg/ml
Clone:	JR2
Isotype:	Mouse IgG2b, κ
Reactivity:	QC Testing: Human
Workshop:	7
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

Reacts with the β-chain variable region (Vβ8) of the T-cell antigen receptor expressed on 0.5% to 3% of peripheral blood T cells. This antibody has been further characterized as having specificity to a major subset of the BV8 region as determined in the TCR Workshop of July 1995. Staphylococcal enterotoxin E has been shown to specifically stimulate T cells bearing Vβ8 (BV8).



Profile of peripheral blood lymphocytes analyzed by flow cytometry

Preparation and Storage

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.

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
555743	PE Mouse IgG2b κ Isotype Control	100 tests	27-35
555332	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. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at www.bdbiosciences.com/colors.
4. 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.

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References

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