

## Technical Data Sheet

## PE Mouse Anti-Mouse IgD[b]

## Product Information

|                  |  |
|------------------|--|
| Material Number: | 553511   |
| Alternate Name:  | Igh-5b   |
| Size:            | 0.2 mg   |
| Concentration:   | 0.2 mg/ml  |
| Clone:           | 217-170  |
| Immunogen:       | Not reported   |
| Isotype:         | Mouse (BALB/c) IgG1, $\kappa$                                    |
| Reactivity:      | QC Testing: Mouse  |
| Storage Buffer:  | Aqueous buffered solution containing $\leq 0.09\%$ sodium azide. |

## Description

The 217-170 antibody reacts specifically with mouse IgD of *Igh-C[b]* haplotype (eg, C57BL/6, C57BL/10, SJL). It does not react with IgD of *Igh-C[a]* or related haplotypes (eg, BALB/c, AKR, CBA, C3H/He, C58, DBA/1, DBA/2, NZB, PL, RIII), or *Igh-C[e]* haplotype (eg, A). 217-170 antibody is effective for detection of cell-surface Ig by immunofluorescent staining with flow cytometric analysis. It has not been shown to stimulate B-cell proliferation.

## 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 |
|----------------|------------------|

## Suggested Companion Products

| Catalog Number | Name                                    | Size   | Clone    |
|----------------|---|--------|----------|
| 550617         | PE Mouse IgG1, $\kappa$ Isotype Control | 0.1 mg | MOPC-31C |

## 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](http://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.

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