

Technical Data Sheet

Biotin Mouse Anti-Mouse IgD[b]**Product Information**

Material Number:	553509
Alternate Name:	Igh-5b
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	217-170
Immunogen:	Not reported
Isotype:	Mouse (BALB/c) IgG1, κ
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. 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
550615	Biotin Mouse IgG1 κ Isotype Control	0.25 mg	MOPC-31C
554060	FITC Streptavidin	0.5 mg	(none)

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to wwwbdbiosciences.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.

BD Biosciences

bdbiosciences.com

United States	Canada	Europe	Japan	Asia Pacific	Latin America/Caribbean
877.232.8995	888.259.0187	32.53.720.550	0120.8555.90	65.6861.0633	55.11.5185.9995

For country-specific contact information, visit bdbiosciences.com/how_to_order/

Conditions: The information disclosed herein is not to be construed as a recommendation to use the above product in violation of any patents. BD Biosciences will not be held responsible for patent infringement or other violations that may occur with the use of our products. Purchase does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written authorization of Becton Dickinson and Company is strictly prohibited.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Not for resale.

BD, BD Logo and all other trademarks are the property of Becton, Dickinson and Company. ©2008 BD

