

Technical Data Sheet

Purified Mouse Anti-Rat IgG2b

Product Information

Material Number:	553882
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	G15-337
Immunogen:	Pooled rat Ig
Isotype:	Mouse IgG2b, κ
Reactivity:	QC Testing: Rat
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The G15-337 antibody reacts specifically with rat IgG2b. It does not react with other Ig isotypes. A suspension of pooled rat Ig was used as the source of immunogen.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography. Store undiluted at 4° C.

Application Notes

Application

ELISA Capture	Routinely Tested
Flow cytometry	Routinely Tested

Recommended Assay Procedure:

ELISA: For the rat IgG2b sandwich ELISA, purified G15-337 mAb is optimal for capture with biotin-conjugated anti-rat IgG2b RG7/11.1 mAb (Cat. No. 553898) for detection. Purified Rat IgG2b, clone A95-1, (Cat. No. 553986) may be used as the standard.

Immunofluorescent staining and Flow cytometry: G15-337 antibody is effective for detection of cell-surface or intracellular Ig by immunofluorescent staining with flow cytometric analysis. For flow cytometric detection of intracytoplasmic IgG2b, we recommend FITC-conjugated G15-337 mAb (Cat. No. 553884).

Suggested Companion Products

Catalog Number	Name	Size	Clone
553898	Biotin Mouse Anti-Rat IgG2b	0.5 mg	RG7/11.1
553986	Purified Rat IgG2b, κ Isotype Control	0.5 mg	A95-1
553884	FITC Anti-Rat IgG2b	0.5 mg	G15-337

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.

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