

## Technical Data Sheet

## Purified Rat Anti-Mouse IgG1

## Product Information

Material Number:	553445
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	A85-3
Immunogen:	Pooled mouse IgG1
Isotype:	Rat IgG1, $\kappa$
Reactivity:	QC Testing: Mouse
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

## Description

The A85-3 antibody reacts specifically with mouse IgG1 of Igh-C[a] and Igh-C[b] haplotypes. It does not react with other Ig isotypes.

## Preparation and Storage

Store undiluted at 4°C.

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

## Application Notes

## Application

ELISA	Routinely Tested
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## Recommended Assay Procedure:

**ELISA:** The Purified Rat Anti-Mouse IgG1 antibody (clone A85-3) may be used as a capture reagent with Biotin Rat Anti-Mouse IgG1 (clone A85-1) (Cat. No. 553441) and Avidin-HRP (Cat. No. 554058) or Streptavidin-HRP (Cat. No. 554066) as detection reagents. Alternatively, investigators may also wish to consider using AKP Rat Anti-Mouse IgG1 (Cat. No. 557272) or HRP Rat Anti-Mouse IgG1 (Cat. No. 559626) for detection. Purified Mouse IgG1 (Cat. No. 557273) should be used as the protein standard.

## Suggested Companion Products

Catalog Number	Name	Size	Clone
553441	Biotin Rat Anti-Mouse IgG1	0.5 mg	A85-1
557273	Purified Mouse IgG1, $\kappa$ Isotype Control	0.5 mg	MOPC-31C
554058	Avidin-Horseradish Peroxidase (HRP)	1.0 ml	(none)
554066	Streptavidin HRP	1.0 ml	(none)
557272	AKP Rat Anti-Mouse IgG1	1.0 ml	X56
559626	HRP Rat Anti-Mouse IgG1	1.0 ml	X56

## Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. 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.
3. Please refer to [www.bdbiosciences.com/pharmingen/protocols](http://www.bdbiosciences.com/pharmingen/protocols) for technical protocols.

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