

## Technical Data Sheet

# Purified Mouse Anti-Rat IgA

### Product Information

<b>Material Number:</b>	553913
<b>Size:</b>	0.5 mg
<b>Concentration:</b>	0.5 mg/ml
<b>Clone:</b>	A93-3
<b>Immunogen:</b>	Pooled rat IgA
<b>Isotype:</b>	Mouse (BALB/c) IgG1, $\kappa$
<b>Reactivity:</b>	QC Testing: Rat
<b>Storage Buffer:</b>	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

### Description

The A93-3 antibody reacts specifically with rat IgA. It does not react with other Ig isotopes.

### 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
---------------	------------------

#### Recommended Assay Procedure:

**ELISA:** For the rat IgA sandwich ELISA, purified A93-3 mAb is optimal for capture when used with biotinylated A93-2 mAb (Cat. no. 553912) for detection and purified rat IgA, clone R3-30, (Cat. No. 553945) as the protein standard.

### Suggested Companion Products

Catalog Number	Name	Size	Clone
553912	Biotin Mouse Anti-Rat IgA	0.5 mg	A93-2
553945	Purified Rat IgA, $\kappa$ Immunoglobulin Isotype Standard	0.5 mg	R3-30

### 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. Sodium azide is a reversible inhibitor of oxidative metabolism; therefore, antibody preparations containing this preservative agent must not be used in cell cultures nor injected into animals. Sodium azide may be removed by washing stained cells or plate-bound antibody or dialyzing soluble antibody in sodium azide-free buffer. Since endotoxin may also affect the results of functional studies, we recommend the NA/LE (No Azide/Low Endotoxin) antibody format, if available, for in vitro and in vivo use.
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.

### BD Biosciences

[www.bdbiosciences.com](http://www.bdbiosciences.com)

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

For country-specific contact information, visit [www.bdbiosciences.com/how\\_to\\_order/](http://www.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. ©2007 BD

