

Technical Data Sheet

Biotin Goat Anti-Mouse Ig (Multiple Adsorption)**Product Information**

Material Number:	553999
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	Polyclonal
Reactivity:	QC Testing: Mouse
Storage Buffer:	Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Description

This polyclonal antibody reacts with whole molecule mouse IgG (heavy and light chains) and may also react with the light chains of other mouse immunoglobulins. This antibody has been reported to be reactive in ELISA with mouse IgG, IgM, and IgA. In addition, low level cross-reactivity with rat and hamster Ig has been reported. Investigators should note that reactivity with some mouse IgM antibodies can be weak. Minimal cross-reaction to rat, human, bovine, horse and rabbit non-immunoglobulin serum proteins are expected.

Note: This reagent may have considerable cross-reactivity on human peripheral blood leukocytes, contributing to undesired background signal, when used with the flow cytometric application. As a result, this product is not recommended for immunofluorescent staining and flow cytometric analysis of human cells. For this application, investigators may wish to consider FITC Goat Anti-Mouse IgG/IgM (Cat. No. 555988) as an alternative.

For immunohistochemical staining, Biotin Goat Anti-Mouse Ig (Cat. No. 550337) is recommended.

Preparation and Storage

Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

The antibody was conjugated with biotin under optimum conditions, and unreacted biotin was removed.

The polyclonal antibody was purified from antiserum by negative adsorption and affinity chromatography.

Application Notes**Application**

ELISA	Routinely Tested
Flow cytometry	Tested During Development

Suggested Companion Products

<u>Catalog Number</u>	<u>Name</u>	<u>Size</u>	<u>Clone</u>
555988	FITC Goat Anti-Mouse IgG/IgM	0.5 mg	Polyclonal
550337	Biotin Goat Anti-Mouse Ig (Multiple Adsorption)	1.0 ml	Polyclonal

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Source of all serum proteins is from USDA inspected abattoirs located in the United States.
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.
4. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.

BD Biosciences

bdbiosciences.com

United States	Canada	Europe	Japan	Asia Pacific	Latin America/Caribbean
877.232.8995	800.268.5430	32.2.400.98.95	0120.8555.90	65.6861.0633	55.11.5185.9995

For country contact information, visit bdbiosciences.com/contact

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.

Unless otherwise noted, BD, BD Logo and all other trademarks are property of Becton, Dickinson and Company. © 2014 BD

