

Technical Data Sheet

Biotin Mouse Anti-Rat IgG2b

Product Information

Material Number:	550327
Size:	1.0 ml
Concentration:	250 µg/ml
Clone:	G15-337
Immunogen:	Pooled rat Ig
Isotype:	Mouse IgG2b, κ
Reactivity:	QC Testing: Rat
Storage Buffer:	Aqueous buffered solution containing BSA, goat serum, and ≤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

Store undiluted at 4°C.

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

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

Application Notes

Application

Flow cytometry	Routinely Tested
ELISA	Routinely Tested
Immunohistochemistry-frozen	Tested During Development

Recommended Assay Procedure:

This antibody conjugate has been tested by ELISA (~2 µg/ml) and flow cytometry to assure specificity and reactivity.

For immunohistochemical staining of acetone-fixed frozen sections, a dilution range of 1:25 - 1:100 is suggested.

Suggested Companion Products

Catalog Number	Name	Size	Clone
553883	Biotin Mouse Anti-Rat IgG2b	0.5 mg	G15-337
550880	DAB Substrate Kit	500 tests	(none)
559148	Antibody Diluent for IHC	125 ml	(none)
550946	Streptavidin HRP	50 ml	(none)

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. Source of all serum proteins is from USDA inspected abattoirs located in the United States.
4. This antibody has been developed for the immunohistochemistry application. However, a routine immunohistochemistry test is not performed on every lot. Researchers are encouraged to titrate the reagent for optimal performance.
5. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.

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