

Technical Data Sheet

Biotin Mouse Anti-Rabbit IgM

Product Information

Material Number:	550938
Size:	0.2 mg
Concentration:	0.5 mg/ml
Clone:	367.2
Immunogen:	Purified rabbit IgM
Isotype:	Mouse IgG1, κ
Reactivity:	QC Testing: Rabbit
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The 367.2 antibody reacts specifically with rabbit IgM. It does not react with rabbit IgG or IgA isotypes.

Preparation and Storage

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.

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

Application Notes

Application

ELISA Detection	Routinely Tested
Flow cytometry	Routinely Tested

Recommended Assay Procedure:

ELISA: For the rabbit IgM sandwich ELISA, purified clone 367.2 (available by custom order) is optimal for capture with biotin-conjugated anti-rabbit IgM clone 367.2 for detection.

Flow cytometry: Biotin-conjugated 367.2 antibody may be used as a primary reagent in immunofluorescent staining.

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.

References

Vajdy M, Sethupathi P, Knight KL. Dependence of antibody somatic diversification on gut-associated lymphoid tissue in rabbits. *J Immunol.* 1998; 160(6):2725-2729. (Clone-specific: Flow cytometry)

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