

Technical Data Sheet

Biotin Mouse Anti-Rat IgE**Product Information**

Material Number:	553916
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	B41-3
Immunogen:	Pooled rat IgE
Isotype:	Mouse (BALB/c) IgG1, κ
Reactivity:	QC Testing: Rat Lack of Reactivity Confirmed in Development: Rabbit, Hamster, Guinea Pig, Human
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The B41-3 antibody reacts specifically with rat IgE. It does not react with other rat Ig isotypes, nor with rabbit, hamster, guinea pig, or human immunoglobulins.

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	Routinely Tested
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Recommended Assay Procedure:

For the sandwich rat IgE ELISA, biotinylated B41-3 mAb is optimal for detection with purified B41-1 mAb (Cat. no. 553914) for capture.

Suggested Companion Products

Catalog Number	Name	Size	Clone
553914	Purified Mouse Anti-Rat IgE	0.5 mg	B41-1

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.

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