

Technical Data Sheet

FITC Rat Anti-Mouse IgE

Product Information

Material Number:	553415
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	R35-72
Immunogen:	Mouse IgE (pooled)
Isotype:	Rat (LOU) IgG1, κ
Reactivity:	QC Testing: Mouse
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The rat anti-mouse IgE antibody (clone R35-72) reacts specifically with mouse IgE of the Igh-C [a] and Igh-C [b] haplotypes. It has been reported not to react with other Ig isotypes. Detection with the rat anti-mouse IgE antibody (clone R35-72) of surface immunoglobulin on IgE-secreting hybridoma cells has also been reported.

This antibody is routinely tested by flow cytometric analysis. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.

Preparation and Storage

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

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

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

Application Notes

Application

Flow cytometry	Routinely Tested
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Suggested Companion Products

Catalog Number	Name	Size	Clone
553924	FITC Rat IgG1, κ Isotype Control	0.25 mg	R3-34

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. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at www.bdbiosciences.com/pharmingen/colors.
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.

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