

Technical Data Sheet

Purified Mouse IgA, κ Isotype Control

Product Information

Material Number:	553476
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	M18-254
Isotype:	Mouse (BALB/c) IgA, κ
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The M18-254 antibody has unknown specificity.

Preparation and Storage

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

Store undiluted at 4° C.

Application Notes

Application

Flow cytometry	Routinely Tested
ELISA Standard	Routinely Tested
Isotype control	Routinely Tested
Intracellular staining (flow cytometry)	Not Recommended
Immunohistochemistry	Not Recommended

Recommended Assay Procedure:

The M18-254 clone is useful as a standard in sandwich ELISA, utilizing Cat. No. 556969 as the capture antibody and Cat. No. 556978 as the biotinylated detection antibody. It is useful as an isotype-matched negative control for immunostaining of unfixed, live cell suspensions. This product is not recommended for use as an isotype control for intracellular or immunohistochemical staining applications.

Suggested Companion Products

Catalog Number	Name	Size	Clone
556969	Purified Rat Anti-Mouse IgA	0.5 mg	C10-3
556978	Biotin Rat Anti-Mouse IgA	0.5 mg	C10-1

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. An isotype control should be used at the same concentration as the antibody of interest.
3. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
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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