

Technical Data Sheet

PE Mouse IgG3, κ Isotype Control

Product Information

Material Number:	559926
Alternate Name:	anti-KLH
Size:	0.1 mg
Concentration:	0.2 mg/ml
Clone:	A112-3
Immunogen:	TNP-KLH
Isotype:	Mouse (BALB/c) IgG3, κ
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

The A112-3 clone is specific for keyhole limpet hemocyanin, (KLH). TNP-KLH, the immunogen, is not expressed on human, mouse, or rat cells. In the absence of specific binding, this antibody may bind non-specifically to Fc receptors. The immunoglobulin from clone A112-3 was selected as an isotype control following screening for low background on a variety of mouse and human tissues.

Preparation and Storage

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

The antibody was conjugated with R-PE under optimum conditions, and unconjugated antibody and free PE were removed.

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

Application Notes

Application

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

Recommended Assay Procedure:

An isotype control should be used at the same concentration as the antibody of interest (e.g., ≤ 1 µg/million cells for flow cytometry). This product is not recommended as an isotype control for intracellular staining or immunohistochemistry applications. We recommend Cat. No. 556659 for immunofluorescent staining of non-human primate blood.

Suggested Companion Products

Catalog Number	Name	Size	Clone
556659	PE Mouse IgG3, κ Isotype Control	50 tests	J606

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/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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