

Technical Data Sheet

Purified NA/LE Mouse IgG1 κ Isotype Control

Product Information

Material Number:	554721
Size:	0.5 mg
Concentration:	1.0 mg/ml
Clone:	107.3
Immunogen:	TNP-keyhole limpet hemocyanin
Isotype:	Mouse (BALB/c) IgG1, κ
Storage Buffer:	No azide/low endotoxin: Aqueous buffered solution containing no preservative, 0.2 μ m sterile filtered. Endotoxin level is \leq 0.01 EU/ μ g (\leq 0.001 ng/ μ g) of protein as determined by the LAL assay.

Description

The 107.3 clone has an unknown specificity. Trinitrophenal (TNP), the immunogen, is a hapten not expressed on human or mouse cells. In the absence of specific binding, this antibody may bind non-specifically to Fc receptors. The immunoglobulin from clone 107.3 was selected as an isotype control following screening for low background on a variety of mouse and human tissues.

This material is suitable as an isotype control for matching cytokine-neutralizing antibodies used in bioassay or as a negative control for *in vitro* and *in vivo* functional studies.

Preparation and Storage

Store undiluted at 4°C.

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

This preparation contains no preservatives, thus it should be handled under aseptic conditions.

Application Notes

Application

ELISA	Routinely Tested
Bioassay	Tested During Development
Intracellular staining (flow cytometry)	Not Recommended

Suggested Companion Products

Catalog Number	Name	Size	Clone
553447	Purified NA/LE Mouse IgG1 κ Isotype Control	0.5 mg	107.3

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.

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