

Technical Data Sheet

Biotin Mouse IgG3, κ Isotype Control**Product Information**

Material Number:	559805
Alternate Name:	anti-KLH
Size:	0.25 mg
Concentration:	0.5 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.

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 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**

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. This product is not recommended for use as an isotype control for intracellular or immunohistochemical staining applications.

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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