

## Technical Data Sheet

## PE Hamster IgG2, κ Isotype Control

## Product Information

Material Number:	550085
Alternate Name:	anti-KLH
Size:	0.1 mg
Concentration:	0.2 mg/ml
Clone:	B81-3
Immunogen:	Keyhole Limpet Hemocyanin
Isotype:	Armenian Hamster IgG2, κ
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

## Description

The B81-3 antibody is specific for keyhole limpet hemocyanin.

## 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
Immunohistochemistry	Not Recommended
Intracellular staining (flow cytometry)	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 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 [wwwbdbiosciences.com/pharminggen/protocols](http://wwwbdbiosciences.com/pharminggen/protocols) for technical protocols.
3. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at [wwwbdbiosciences.com/colors](http://wwwbdbiosciences.com/colors).
4. Although hamster immunoglobulin isotypes have not been well defined, BD Biosciences Pharmingen has grouped Armenian and Syrian hamster IgG monoclonal antibodies according to their reactivity with a panel of mouse anti-hamster IgG mAbs. A table of the hamster IgG groups, Reactivity of Mouse Anti-Hamster Ig mAbs, may be viewed at [http://wwwbdbiosciences.com/pharminggen/hamster\\_chart\\_11x17.pdf](http://wwwbdbiosciences.com/pharminggen/hamster_chart_11x17.pdf).
5. 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.

## References

Mendrick DL, Kelly DM. Temporal expression of VLA-2 and modulation of its ligand specificity by rat glomerular epithelial cells in vitro. *Lab Invest.* 1993; 69(6):690-702. (Immunogen)

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