Elab Bright™ Violet 510 Hamster IgG2, κ Isotype Control[B81-3]

Catalog Number: AN00817R1

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Host	Hamster
Isotype	Hamster IgG2, κ
Clone No.	B81-3
Conjugation	Elab Bright™Violet 510
Conjugation Information	Elab Bright™ Violet 510 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 510 nm (e.g., a 525/50 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

Applications	Recommended usage
FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Background	The B81-3 monoclonal antibody was raised against keyhole limpet hemocyanin (KLH), an antigen not expressed by mammalian cells or cell lines. Intended for use as a hamster immunoglobulin isotype control, the B81-3 antibody can be used as a negative control to help differentiate non-specific background signal when compared against a signal from a specific hamster antibody. The purified B81-3 antibody may also serve as a useful standard for some ELISA applications. KLH is a oxygen carrying metalloprotein from a species of keyhole limpet that lives off the coast of California and is often used as a carrier protein to help elicit immune responses to haptens. Since KLH is phylogenetically distant from many mammalian proteins, it often has very minimal to no cross-reactivity for many immunological assays