

Elab Bright™ Violet 421 Hamster IgG2, κ Isotype Control[B81-3]

Catalog Number: AN00817Q2

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

Description	
Host	Armenian Hamster
Isotype	Armenian Hamster IgG2, κ
Clone No.	B81-3
Conjugation	Elab Bright™ Violet 421
Conjugation Information	Elab Bright™ Violet 421 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 421 nm (e.g., a 450/50 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