

## 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

<b>Host</b>	Armenian Hamster
<b>Isotype</b>	Armenian Hamster IgG2, κ
<b>Clone No.</b>	B81-3
<b>Conjugation</b>	Elab Bright™ Violet 421
<b>Conjugation Information</b>	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).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### Applications

#### Recommended usage

<b>FCM</b>	Each lot of this antibody is quality control tested by flow cytometric analysis. <b>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).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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### Preparation & Storage

<b>Storage</b>	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.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Background</b>	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
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