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# Elab Fluor® Violet 450 Anti-Human IgG1 Isotype Control Antibody[MOPC21.1]

Catalog Number: AN00840Q

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

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Reactivity Human Host HEK-293

Isotype Human IgG1k Clone No. MOPC21.1

Conjugation Elab Fluor® Violet 450

**Conjugation Information** Elab Fluor® Violet 450 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### **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  $\mu L$  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**

**Alternate Names** 

IGHG1;constant region of heavy chain of IgG1;immunoglobulin gamma 1;AN00840

**Uniprot ID** 

**Background** Immunoglobulin G1, or IgG1, is a type of antibody. Humans express four types of IgG ( lgG1, lgG2, lgG3, and lgG4). Antibodies in mammals are complex proteins, composed of four independent amino acid chains. The molecule is formed by two identical heavy chains and two identical light chains, and produced by B cells. The FcyR molecules ( CD16, CD32, and CD64) on the surface of various immune cells can bind IgG1, IgG2,

and IgG4.

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