

## 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.

Description	
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. <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.
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 ( IgG1, IgG2, IgG3, and IgG4). 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 FcγR molecules ( CD16, CD32, and CD64) on the surface of various immune cells can bind IgG1, IgG2, and IgG4.

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