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## PerCP Anti-Human IgG1 Isotype Control Antibody[MOPC21.1]

Catalog Number: AN00840F

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

**Description** 

Reactivity Human Host HEK-293

IsotypeHuman lgG1kClone No.MOPC21.1ConjugationPerCP

Conjugation Information PerCP is designed to be excited by the blue laser (488 nm) and detected using an optical

filter centered near 675 nm (e.g., a 690/50 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  $\mu$ L staining volume or per 100  $\mu$ L 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 lgG1;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.