

Isotype Control IgG3 (PPV-07)

Fluorochrome	Reference	Size (µg)
PURE	ICIGG3PU-100	100
FITC	ICIGG3F-100	100
PE	ICIGG3PE-50	50
APC	ICIGG3A-50	50

PRODUCT DESCRIPTION

Clone: PPV-07

Isotype: IgG3

Tested application: flow cytometry

Host: Mouse

Species reactivity: Human, mouse and rat

Storage instruction: store in the dark at 2-8 °C

Storage buffer: aqueous buffered solution containing protein stabilizer and 0.09% sodium azide (NaN₃).

Recommended usage: Immunostep's isotype control IgG3, clone PPV-07, is a monoclonal antibody produced against a synthetic hapten, which is normally not present in humans or animals using in flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using $\leq 1 \mu\text{g}/10^6$ cells.

Presentation: liquid

Source: Supernatant proceeding from an *in vitro* cell culture of a cell hybridoma.

Purification: Affinity chromatography.

ANTIGEN DETAILS

Large description: Today, all techniques used for both diagnosis and research must have negative controls. In Flow Cytometry, these are known as Isotypic Controls. With these it is possible to ensure that our results are reliable⁽¹⁾.

The antibody specificity of the mouse IgG3 produced by clone PPV-07 was chosen as an isotype control after screening on a variety of live mouse, rat, and human tissues.

For research use only. Not for diagnostic procedures.
Please, refer to www.immunostep.com technical support for more information.

WARRANTY

Warranted only to conform to the quantity and contents stated on the label or in the product labelling at the time of delivery to the customer. Immunostep disclaims hereby other warranties.

Immunostep's sole liability is limited to either the replacement of the products or refund of the purchase price.

REFERENCES

1. Mitchell J, Sullam PM. Streptococcus mitis phage-encoded adhesins mediate attachment to {alpha}2-8-linked sialic acid residues on platelet membrane gangliosides. *Infect Immun* 2009 Aug;77(8):3485-90.

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