

Mouse Isotype Control IgM (MM-30)

Fluorochrome	Reference	Size (µg)
PURE	ICIGMPU2-100	100
FITC	ICIGMF2-100	100

PRODUCT DESCRIPTION

Clone: MM-30

Isotype: Mouse IgM, k

Immunogen: Trinitrophenol + KLH

Tested application: flow cytometry

Host: Mouse

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 IgM, clone MM-30, 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 use at the same concentration as your primary antibody.

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^(1,2).

The antibody specificity of the mouse IgM produced by clone MM-30 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. Klaus T, Bzowska M, Kulesza M, Kabat AM, Jemiola-Rzeminska M, Czaplicki D, et al. Agglutinating mouse IgG3 compares favourably with IgMs in typing of the blood group B antigen: Functionality and stability studies. *Sci Rep* Aug 03;6:30938.
2. Karen J, Rodriguez A, Friman T, Dencker L, Sundberg C, Scholz B. Effects of the histone deacetylase inhibitor valproic acid on human pericytes *in vitro*. *PLoS One*;6(9):e24954.

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