

Isotype Control IgG2a (B12/8)

Fluorochrome	Reference	Size (µg)
PURE	ICIGG2APU-100	100
FITC	ICIGG2AF-100	100
PE	ICIGG2APE-50	50
APC	ICIGG2AA-50	50
PerCP	ICIGG2APP-100	100
PerCP-Cyanne5.5	ICIGG2APP5.5-100	100

PRODUCT DESCRIPTION

Clone: B12/8

Isotype: IgG2a

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 IgG2a, clone B12/8, 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.⁽¹⁻³⁾

The antibody specificity of the mouse IgG2a produced by clone B12/8 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 use.

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. Abo Al Hayja M, Eklund A, Grunewald J, Wahlstrom J. Reduced expression of peroxisome proliferator-activated receptor alpha in BAL and blood T cells of non-lofgren's sarcoidosis patients. *J Inflamm (Lond)*;12:28.
2. Jun E, Kim S, Kim JH, Cha K, So IS, Son HN, et al. Design of a multicomponent peptide-woven nanocomplex for delivery of siRNA. *PLoS One*;10(2):e0118310.
3. Tashima Y, Stanley P. Antibodies that detect O-linked beta-D-N-acetylglucosamine on the extracellular domain of cell surface glycoproteins. *J Biol Chem* Apr 18;289(16):11132-42.

MANUFACTURED BY



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