

Isotype Control IgG2b (AEE14/7)

| Fluorochrome | Reference | Size (µg) |
|------------------|------------------|-----------|
| PURE | ICIGG2BPU-100 | 100 |
| FITC | ICIGG2BF-100 | 100 |
| PE | ICIGG2BPE-50 | 50 |
| APC | ICIGG2BA-50 | 50 |
| PerCP | ICIGG2BPP-100 | 100 |
| PerCP Cyanine5.5 | ICIGG2BPP5.5-100 | 100 |

PRODUCT DESCRIPTION

Clone: AEE14/7

Isotype: IgG2b

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 IgG2b, clone AEE14/7, 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⁽¹⁻²⁾.

The antibody specificity of the mouse IgG2b produced by clone AEE14/7 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. 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. Carilho Torrao RB, Dias IH, Bennett SJ, Dunston CR, Griffiths HR. Healthy ageing and depletion of intracellular glutathione influences T cell membrane thioredoxin-1 levels and cytokine secretion. *Chem Cent J Sep 05*;7(1):150.

MANUFACTURED BY



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