

Anti- Human CD3 (33-2A3)

| Fluorochrome | Reference | Size |
|------------------|--------------|----------|
| Pure | 3PUI-OIMG | 100 test |
| FITC | 3FI-100T | 100 test |
| PE | 3PEI-100T | 100 test |
| PerCP | 3PPI-100T | 100 test |
| APC | 3AI-100T | 100 test |
| DY634 | 3DYI-100T | 100 test |
| Biotin | 3BI-OIMG | 100 test |
| CF-Blue | 3CFBI-100T | 100 test |
| APC-C750 | 3AC750-100T | 100 test |
| PerCP-Cyanine5.5 | 3PPC5.5-100T | 100 test |

PRODUCT DESCRIPTION

Clone: 33-2A3

Isotype: IgG2a

Tested application: flow cytometry

Immunogen: The anti-CD3 monoclonal antibody derives from human leukocytes.

Species reactivity: Human

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 CD3, clone 33-2A3, is a monoclonal antibody intended for the identification and enumeration of human T cells subsets using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using 1 test for 10⁶ cells.

Presentation: liquid

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

Purification: Affinity chromatography.

ANTIGEN DETAILS

Large description: The monoclonal antibody is directed against the CD3- antigen (T3-antigen), which is expressed on human T lymphocytes. The monoclonal antibody reacts with 80-90% human peripheral T lymphocytes and medullary thymocytes. The monoclonal antibody does not react with B-cells, monocytes, granulocytes and platelets. The monoclonal antibody is mitogenic for resting T lymphocytes and it blocks the cytolytic activity of CTL clones.⁽¹⁻⁵⁾

Other Names: Leu-4, T3

Gene ID: 915

Molecular weight: 22/26/30 kDa

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

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3. Gimferrer I, Calvo M, Mittelbrunn M, Farnos M, Sarrias MR, Enrich C, et al. Relevance of CD6-mediated interactions in T cell activation and proliferation. *J Immunol*2004 Aug 15;173(4):2262-70.
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MANUFACTURED BY



Immunostep S.L

Avda. Universidad de Coimbra, s/n
Cancer Research Center (CIC)
Campus Miguel de Unamuno
37007 Salamanca (Spain)
Tel. (+34) 923 294 827
www.immunostep.com