






Anti-Human CD43 (TPI/36)

				
FITC	43F-100T	100 test		
PE	43PE-100T	100 test		
PerCP	43PP-100T	100 test		
PerCP-Cyanine5.5	43PP5.5-100T	100 test		
APC	43A-100T	100 test		
APC-C750	43AC750-100T	100 test		
CF-Blue	43CFB-100T	100 test		



1. PRODUCT DESCRIPTION

- **Clone:** TPI/36;
- **Isotype:** IgG1;
- **Tested application:** flow cytometry;
- **Immunogen:** The anti-CD43 monoclonal antibody derives from PMA and Ionomycin activated T cells blast (Human);
- **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 CD43, clone TPI/36 is a monoclonal antibody intended for the identification and enumeration of thymocytes and T lymphocytes 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;
- **Other names:** Leukosialin, Galactoglycoprotein, GALGP, Leukocyte sialoglycoprotein, Sialophorin, GPL115, LSN, Ly-48, Leukosialin, gp115;
- **Gene ID:** 6693;
- **Molecular weight:** 95 - 135 kDa.

2. ANTIGEN DETAILS

Large description: Reacts with a single-pass type I protein found on cell surface of thymocytes, T-lymphocytes, neutrophils, plasma cells and myelomas but is not present on most peripheral blood B cells. CD43 has a high content of sialic acid and O-linked carbohydrate structures.⁽¹⁻⁴⁾

3. 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.

4. ADDITIONAL INFORMATION

For research use only. Not for diagnostic use.

Not for resale. Immunostep will not be responsible of violations that may occur with the use of this product. Any use of this product other than the specified in this document is strictly prohibited.







Unless otherwise indicated by Immunostep by written authorization, this product is intended for research only and is not to be used for any other purpose, including without limitation, for human or animal diagnostic, therapeutic or commercial purposes.

Please, refer to www.immunostep.com technical support for more information.

5. REFERENCES

1. Borche L, Lozano F, Vilella R, Vives J. CD43 monoclonal antibodies recognize the large sialoglycoprotein of human leukocytes. *Eur J Immunol*1987 Oct;17(10):1523-6.
2. Carlsson SR, Fukuda M. Isolation and characterization of leukosialin, a major sialoglycoprotein on human leukocytes. *J Biol Chem*1986 Sep 25;261(27):12779-86.
3. Knapp W. Leucocyte typing IV : white cell differentiation antigens. Oxford: Oxford University Press; 1989.
4. Remold-O'Donnell E, Zimmerman C, Kenney D, Rosen FS. Expression on blood cells of sialophorin, the surface glycoprotein that is defective in Wiskott-Aldrich syndrome. *Blood*1987 Jul;70(1):104-9.

6. EXPLANATION OF SYMBOLS

	Fluorochrome
	Product reference
	Content for <n> analysis
	Regulatory Status
	Research Use Only
	Manufacturer

7. MANUFACTURED BY: IMMUNOSTEP S.L.



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