



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti- Human CD43 (TP1/36)

Fluorochrome	Reference	Size
Pure	43PU-OIMG	100 test
FITC	43F-100T	100 test
PE	43PE-100T	100 test
PerCP	43PP-100T	100 test
APC	43A-100T	100 test
Biotin	43B-OIMG	100 test
CF-Blue	43CFB-100T	100 test
OC515	43OC-100T	100 test
APC-C750	43AC750-100T	100 test

### PRODUCT DESCRIPTION

**Clone:** TP1/36

**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 (NaN<sub>3</sub>).

**Recommended usage:** Immunostep's CD43, clone TP1/36 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  $\leq 1 \mu\text{g}/10^6$  cells.

**Presentation:** liquid

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

**Purification:** Affinity chromatography.

### ANTIGEN DETAILS

**Large description:** 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.<sup>(1-4)</sup>

**Other names:** Leukosialin, Galactoglycoprotein, GALGP, Leukocyte sialoglycoprotein, Sialophorin, GPL115, LSN, Ly-48, Leukosialin, gp115

**Gene ID:** 6693

**Molecular weight:** 95- 135 kDa

Please, refer to [www.immunostep.com](http://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. 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.

### MANUFACTURED BY



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