



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti- Human CD45 (D3/9)

Fluorochrome	Reference	Size
Pure	45PUI-OIMG	100 test
FITC	45FI-100T	100 test
PE	45PEI-100T	100 test
PerCP	45PPI-100T	100 test
APC	45AI-100T	100 test
DY634	45DYI-100T	100 test
Biotin	45BI-OIMG	100 test
CF-Blue	45CFBI-100T	100 test
OC515	45OCI-100T	100 test

PRODUCT DESCRIPTION

Clone: D3/9

Isotype: IgG1

Tested application: flow cytometry

Immunogen: The anti-CD45 monoclonal antibody derives from T cells from leukemic HPB-ALL.

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 CD45, clone D3/9 is a monoclonal antibody intended for the identification and enumeration of T200 protein 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: The monoclonal antibody is directed against the CD45-antigen, defined T200 or Leucocyte Common Antigen. The antibody reacts with all cells of the haemopoietic lineage, not with cells of other lineages.

CD45 plays a critical role in T and B cell antigen receptor-mediated activation by dephosphorylating substrates including p56Lck, p59Fyn, and other Src family kinases and associated with other surface antigen like CD1, CD2, CD3 and CD4.⁽¹⁻⁴⁾

Other names: Receptor-type tyrosine-protein phosphatase C, Leukocyte common antigen, L-CA, T200

Gene ID: 5788

Molecular weight: 180, 195, 205, 220 and 240 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

1. Krensky AM, Sanchez-Madrid F, Robbins E, Nagy JA, Springer TA, Burakoff SJ. The functional significance, distribution, and structure of LFA-1, LFA-2, and LFA-3: cell surface antigens associated with CTL-target interactions. *J Immunol*1983 Aug;131(2):611-6.
2. Knapp W. Leucocyte typing IV : white cell differentiation antigens. Oxford: Oxford University Press; 1989.
3. Marie-Cardine A, Maridonneau-Parini I, Fischer S. Activation and internalization of p56lck upon CD45 triggering of Jurkat cells. *Eur J Immunol*1994 Jun;24(6):1255-61.
4. Escribano L, Orfao A, Villarrubia J, Diaz-Agustin B, Cervero C, Rios A, et al. Immunophenotypic characterization of human bone marrow mast cells. A flow cytometric study of normal and pathological bone marrow samples. *Anal Cell Pathol*1998;16(3):151-9.

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