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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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CD5, human - Nordic MUBio

nordicmubio.com/product/cd5-human

CD5, human

Catalogue number: **CD5-2-1**

Clone	EP77
Isotype	IgG
Product Type	Primary Antibodies
Units	1 ml
Host	Rabbit
Application	Flow Cytometry Immunohistochemistry (frozen) Immunohistochemistry (paraffin)

Background

The antibody to CD5 is used for the classification of lymphoid neoplasm. CD5 is expressed by the majority of T-cell lymphoma and is also found on B-cells in some cases of chronic lymphatic leukaemia and centrocytic lymphoma. Normally it is not found in other forms of lymphoid neoplasm e.g. follicular lymphoma, Hairy Cell Lymphoma and Large Cell Lymphoma. CD5 is a lymphocyte surface molecule with a molecular weight of 67 kDa. It is expressed by 95% of thymocytes and app. 72% of peripheral blood lymphocytes. In lymph nodes the antigen is detected in the T-cell region mainly. CD5 is over-expressed in leukaemia and T-cell lymphoma and may also be detected in a subpopulation of activated B-cells. Human CD5 molecule.

Source

Immunogen: Synthetic Protein, corresponding to a sequence of human CD5 molecule

Product

Antibody solution in stabilizing phosphate buffer pH 7.3. Contains 0.09 % sodium azide**. The volume is sufficient for at least 100 immunohistochemical tests (100 µl working solution / test). Use appropriate antibody diluent e.g. BIOLOGO Art.No. PU002.

Purification Method: Antibody solution in stabilizing phosphate buffer pH 7.3. Contains 0.09 % sodium azide**. The volume is sufficient for at least 100 immunohistochemical tests (100 µl working solution / test). Use appropriate antibody diluent e.g. BIOLOGO Art.No. PU002.

Secondary Reagents: We recommend the use of BIOLOGO's Universal Staining System DAB (Art. No. DA005) or AEC (Art.-No. AE005).

Specificity

Species Reactivity: Human

Applications

IHC(C, P), FACS

Incubation Time: 60 min at RT

Working Concentration: (liquid conc.) 1:10-1:25

Pre-Treatment: Paraffin sections are pre-treated with 1 mM EDTA (pH 8.0) in an autoclave (2 min under full pressure, cooling 15-20 min.)

Positive Control: Tonsil

Storage

2-8°C

Caution

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. It may contain hazardous ingredients. Please refer to the Safety Data Sheets (SDS) for additional information and proper handling procedures. Dispose product remainders according to local regulations. This datasheet is as accurate as reasonably achievable, but Nordic-MUBio accepts no liability for any inaccuracies or omissions in this information.

References

1. Jones N.H., Clabby M.L., Dialynas D.P. et al. (1986) Isolation of complementary DNA clones encoding the human lymphocyte glycoprotein T1/Leu-1. *Nature* 323: 346-349.
2. Kasaian M.T., Ikematsu H. and Casali P. (1991) CD5+ B-Lymphocytes (43250). *Proceedings of the Society for Experimental Biology and Medicine* 197; 226-241.
3. Chan J.K.C., Banks P.M., Cleary M.L. (1994) A proposal for classification of lymphoid neoplasms (by the international lymphoma study group). *Histopathology* 25; 517-536.

Safety Datasheet(s) for this product:

NM_Sodium Azide

</wp-content/uploads/SDS/Antibody SDS with Sodium Azide Noridic-MUBio.pdf>

