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Zuschläge

- Mindermengenzuschlag
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Mouse anti T-Cell Receptor gamma delta

Catalogue number: **MUB1809P**

Clone	11F2
Isotype	IgG1
Product Type	Primary Antibodies
Units	0.1 mg
Host	Mouse
Species reactivity	Human
Application	ELISA Flow cytometry Immunohistochemistry (frozen) Immunoprecipitation

Distributors

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Background

Two types of T cell antigen receptors (TCRs) are now known, the α/β , and the γ/δ heterodimer, which are expressed at the cell surface in association with the CD3 molecular complex. TCR- γ can occur in either disulphide-linked or non-disulphide-linked forms. The γ/δ T-cell receptor is present on a minor subset of T lymphocytes in peripheral blood, thymus, spleen, and lymph node. In man and Mouse, only a small part of the T lymphocytes of the peripheral blood (<5%) is γ/δ . γ/δ T lymphocytes may complement α/β T cells in terms of antigenic specificities, functional capabilities, or sites of action within the body.

Source

11F2 (anti-TCR gamma delta-I) is a Mouse monoclonal IgG1 antibody derived by fusion of SP2/0-Ag14 Mouse myeloma cells with spleen cells from a Balb/c mice immunized with protein A-Sepharose/anti-CD3/antigen complex.

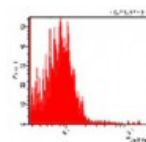
Product

Each vial contains 100 μ l 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.

Applications

11F2 is useful for Enzyme Linked Immuno Sorbent

1_MUB1809
Figure 1 Flow
cytometric
analysis of
human
lymphocytes
showing T-Cell
Receptor
gammadelta
positive
population



Assays, Flow Cytometry, Immunohistochemistry on frozen sections and Immunoprecipitation. Optimal antibody dilution should be determined by titration.

Specificity

Clone 11F2 recognizes all molecular forms of the gamma/delta T-cell receptor (TCR) described so far

Storage

Store at 4°C, or in small aliquots at -20°C.

References

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3. Bos, J.D., Teunissen, M.B.M., Cairo, I., Krieg, S.R., Kapsenberg, M.L., Das, P.K., and Borst, J. (1990). T-cell receptor gamma delta bearing cells in normal Human skin J. Invest. Dermatol. 94: 37-42.
4. Lanier, L., Ruitenberg, J., Bolhuis, R., Borst, J., Phillips, J., Testi, R. (1988). Structural and serological heterogeneity of g/d T cell antigen receptor expression in thymus and peripheral blood. Eur J Immunol. 18 1985-1992
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6. Lanier, L., Federspiel, N., Ruitenberg, J., Phillips, J., Allison, J., Weiss, A. (1987). The T cell antigen receptor complex expressed on normal peripheral blood CD4-, CD8- T lymphocytes: A CD3-associated disulfide-linked g chain heterodimer. J Exp Med 165 1076-1094.
7. Voogt, P., Falkenburg, J., Fibbe, W., et al. (1989). Normal hematopoietic progenitor cells and malignant lymphohematopoietic cells show different susceptibility to direct cell-mediated MHC-non-restricted lysis by T cell receptor-/CD3-, T cell receptor gd+/CD3+ and T cell receptor-a/b+/CD3+ lymphocytes 142 1774-1780.

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. This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strong acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious

quantities of water. This datasheet is as accurate as reasonably achievable, but Nordic-MUbio accepts no liability for any inaccuracies or omissions in this information.

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