

CD48, Leucocyte surface antigen, clone MEM-102 Monoclonal Antibody

Catalog No.: MON1085

Quantity: 1 ml

Specificity

The antibody binds to the human pan-leucocyte GPI-anchored antigen CD48, which is a 45 kD leukocyte surface glycoprotein specific for the CD48 antigen, which is closely related to the activation antigen Blast-1. CD48 is probably an adhesion molecule (alternative CD2 ligand). It is GPI-anchored.

Immunoglobulin type

murine IgG₁

Use

The antibody is useful for the detection of CD48 positive cells. It can be used for differential diagnosis of haematopoietic tumors, sarcomas and melanomas. Can be used in immunnoisolation of the antigen and immunostaining of leucocytes. The antibody coprecipitates the "GPI/PTK-complex".

Instructions for use

The antibody can be used for immunofluorescence and immunohistochemistry on paraffin embedded tissues. The structure recognized by the antibody is conserved after fixation with glutaraldehyde and formaldehyde. Advised working dilution: 1:10. It can be used in Western blotting.

Presentation

1.0 ml diluted ascites in PBS with 0.1% sodium azide.

Literature

- Korínek, V., et al., 1991, Immunogenetics 33, 108-112.
- Cinek, T., and Horejsí, V., 1992, J. Immunol. 149, 2262
- Schlossman, S.F., 1995, Leucocyte typing V, Oxford Univ. Press, Workshop nr. S014

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