

## CD45, Leucocyte Common Antigen, LCA, clone MEM-28 Monoclonal Antibody

**Catalog No.:** MON1179

**Quantity:** 1 ml

**Specificity**

The antibody reacts with human pan-leucocyte antigen CD45; a 170-220 kDa glycoprotein.

**Immunoglobulin type**

Murine IgG<sub>1</sub>

**Use**

The antibody can be used for immunoisolation of the CD45 antigen from human leucocytes, for immunostaining of leucocytes, for Western blotting, and for immunohistochemical differentiation of hematopoietic malignancies from carcinomas and sarcomas.

Western blotting: Positive with nonreduced antigen, weakly positive with reduced antigen.

Immunohistochemistry: reacts with the antigen on paraffin sections.

Depending on the technique to be used a working dilution has to be tested beforehand.

A dilution of about 1:10 is advised.

**Presentation**

1 ml diluted ascites in PBS + 0.1% sodium azide sufficient for staining of 100 cell preparations for immunofluorescence.

Purification method: ammonium sulphate precipitation.

**Literature**

- Horejsí, V., et al., 1986, Folia Biol. (Prague) 32, 12-15.
- Contributions No. N1.3, N1.4, N1.5, N1.6, N1.7 In: Leucocyte Typing III (McMichael A.J., et al., eds.) Oxford Univ. Press, Oxford 1987.
- Bazil, V., et al., 1989, Immunogenetics 29, 202-205.
- Stefanová, I., and Horejsí, V., 1991, J. Immunol. 147, 1587-1592.
- Stefanová, I., et al., 1991, Science 254, 1016-1019.

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