

Mouse anti-Human Mature Macrophages

Clone 25F9

Cat. no. MON 3097

Specificity

MON 3097 recognizes a protein of 86 kD on the cell surface and within the cytoplasm of mature macrophages. The antibody is associated with fully differentiated tissue macrophages both in normal and in diseased tissues, independently of the presence or absence of inflammation. The antigen is absent on freshly isolated monocytes and other blood cells. After 6 to 7 days culture human monocytes become positive. Some melanoma and carcinoma cell lines are also positive. Furthermore the monoclonal antibody 25F9 cross reacts with a subpopulation of macrophages of rhesus monkey, pig alveolar macrophages and Kupffer cells. The monoclonal antibody 25F9 is very useful for macrophage phenotyping.

Immunogen: Human blood monocytes

Immunoglobulin type

Mouse IgG1

Use

This antibody can be used in Flow cytometry, Western blotting, IHC Frozen and Paraffin sections. The typical starting working dilution is 1:10.

Presentation

100 µg purified antibody (0.1 mg/ml) in Phosphate Buffered Saline (PBS) containing 0.1% BSA and 0.02% sodium azide.

References

- Rosseau, S et al; Am J Physiol Lung Cell Mol Physiol 2000, 279: L25
- Zwadlo, G et al; J Immunol 1985, 134: 1487
- Kiefer, R et al; Brain 1998, 121: 469
- Zwadlo, G et al; A. Exp Cell Biol 1987, 55: 295

Storage

Store antibody at 2-8°C until expiry date.

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