

Mouse anti-Macrophages, clone 25F9 (Monoclonal)

Clone no. 25F9

MONOSAN

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Product name	Mouse anti-Macrophages, clone 25F9 (Monoclonal)
Host	Mouse
Applications	IHC-fr,FC,IHC-P,WB
Species reactivity	human, rhesus monkey
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	25F9
Size	1 ml
Concentration	100 ug/ ml
Format	-
Storage buffer	PBS with 0.1% BSA and 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

The monoclonal antibody 25F9 recognises 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.

**References**

1. Rosseau; S et al. Am J Physiol Lung Cell Mol Physiol 2000; 279: L25
2. Zwadlo, G et al J Immunol 1985, 134: 1487
3. Kiefer; R et al. Brain 1998; 121: 469
4. Zwadlo G et al. Exp Cell Biol 1987; 55: 295
5. -

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