

Monoclonal Mouse Antibody to Human Macrophage, CD68

Description:

Clone:	EMB11.
Isotype:	IgG1, Kappa.
Format:	This antibody is supplied as tissue culture supernatant containing sodium azide as preservative.
Specificity:	This antibody reacts with a 110 kD glycoprotein expressed primarily as an intracellular molecule. It stain macrophages in a wide variety of human tissues, including Kuffer's cells and macrophages in the spleen, gut, lung alveoli and in bone marrow. Peripheral blood monocytes, large lymphocytes and basophils and mast cells are positive but neutrophils stain very weakly.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:25-1:75 in an immunohistochemistry application. However, depending on the staining conditions employed, we suggest that final dilution should be determined by the user.

Uses/Limitations: Immunohistochemistry
For Research Use Only.
Do not use past expiration date.

Storage: 2-8° Centigrade.

Procedure: We suggest an incubation period of 30-60 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user. This antibody is not suitable for fixed paraffin sections. It is recommended for only frozen sections.

Precautions: Contains Sodium Azide as a preservative.
Do not pipette by mouth.

References:

- i) Kelly et al. J Clin Pathol 41: 510, 1988.
- ii) Micklem et al. Br J Haematol 73: 6, 1989.
- iii) Pulford et al. Int Immunol 2: 973, 1990.
- iv) Kelly et al. J Clin Pathol 41: 1305, 1988.