

## Monoclonal Mouse Antibody to Human Macrophage, CD68

<b>Catalog No.:</b>	Mob 167, Mob 167-05
<b>Intended Use:</b>	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
<b>Immunogen:</b>	Subcellular fraction of human alveolar macrophages.
<b>Clone:</b>	KP1
<b>Isotype:</b>	IgG1, kappa
<b>Format:</b>	This antibody is supplied as tissue culture supernatant containing sodium azide as a preservative.
<b>Titer/Working Dilution:</b>	This antibody may be diluted to a titer of 1:20-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
<b>Staining Protocol:</b>	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
<b>Specificity:</b>	This antibody is specific to macrophages in a wide variety of human tissues. It reacts with myeloid precursors and peripheral blood granulocytes. It also stains a cell population known as Plasmacytoid T cells.
<b>Positive Control:</b>	Tonsil
<b>Cellular Localization:</b>	Cell membrane
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	i) Micklem et al. Br J Haematol 73: 6, 1989. ii) Pulford et al. J Clin Pathol 42: 414, 1989. iii) Ruco et al. Am J Clin Pathol 92: 273, 1989. iv) Warnke et al. Am J Pathol 135: 1089, 1989.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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