



## PRODUCT DATA SHEET

**Product:** Anti-Macrophage marker mAb, clone 3A5

**Cat. No.:** MC-870 (1 mL)

**Specificity:**

This antibody stains macrophages and histiocytic cells in a wide variety of normal and diseased tissue. Dendritic cells, myeloid cells, and glia cells do not react with this monoclonal antibody. Monocytes stain weakly with 3A5, also after external activation.

**Species Reactivity:**

Human, other species not tested.

**Ig Isotype:**

Mouse IgG2b

**Format:**

1 mL diluted ascites with 8 µg immunoglobulin/mL, protein stabilizer and 0.1% sodium azide.

**Storage:**

Store at 4°C short term, -20°C long term. Aliquot to avoid cycles of freeze/thaw.

**Applications and Suggested Dilutions:**

- The antibody can be used on frozen sections, cell suspensions and paraffin embedded material.
- For use in staining of sections and cell suspensions by regular immunoperoxidase (the indirect immunoperoxidase and the ABC method can be used) and immunofluorescence tests a 1:20/1:50 dilution in phosphate buffered salt is recommended. To improve staining results, formalin fixed sections can be preincubated with a citrate buffer (10 mM citrate buffer, pH 6, for 5 minutes at 720 Watt in a microwave oven), material fixed with sensofix and sublimate buffered formalin need no pretreatment.

The optimal dilution for a specific application should be determined by the researcher.

**Limitations:**

For *in vitro* research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.