

CD68 / Macrophage Marker Ab-3

Catalog # MS-397-P0, -P1, or -P (0.1ml, 0.5ml, or 1.0ml at 200ug/ml)

Catalog # MS-397-R7 (7.0ml)

Catalog # MS-397-PCS

INTENDED USE:

- **For In Vitro Diagnostic Use:** This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
- **Description:** CD68 is expressed on macrophages and monocytes.
- **Expected Staining Pattern:** Cytoplasmic
- **Positive Control:** Tonsil, lymph node, or spleen

MATERIALS PROVIDED:

CD68 / Macrophage Marker Ab-3 (refer to catalog number):

- #MS-397-P (or -P0, -P1): 200ug/ml of antibody purified from ascites. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide.
or
- #MS-397-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.
or
- #MS-397-PCS: 5 positive control slides.
- **Antibody Concentration:** 200ug/ml
- **Host:** Mouse
- **Mol. Wt. of Antigen:** 110kDa
- **Epitope:** Not determined
- **Species Reactivity:** Human, Monkey, Cat, and Rat. Does not react with pig, dog, and chicken.
- **Clone Designation:** KP1
- **Ig Isotype / Light Chain:** IgG1 / kappa
- **Immunogen:** Subcellular fraction of human alveolar macrophages
- **Microbiological State:** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED:

- **Antibody Diluent:** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.
- **Negative Control Reagent:** Refer to the "General Protocol" instructions.
- **Visualization System:** Refer to the "General Protocol" instructions.

METHODS AND PROCEDURES:

Specimen Preparation	Refer to the "General Protocol" instructions.
Dilution of Concentrated Antibody	1:40-1:60 in antibody diluent
Tissue Section Pretreatment	Staining of formalin-fixed tissue sections requires treating the tissue sections in Protease XXV at 1 mg/ml PBS, (Lab Vision Catalog # AP-9004) for 5 minutes at 37C.
Primary Antibody Incubation Time	30 minutes at Room Temperature
Visualization	To detect antibody, follow the instructions provided with the visualization system.

STORAGE and STABILITY:

This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

REFERENCES:

- 1) De Groot CJ; et al. Journal of Neuropathology and Experimental Neurology, 1997 Jan, 56(1):10-20.
- 2) Noorman F; et al. Journal of Leukocyte Biology, 1997 Jan, 61(1):63-72.