

Cat. No: MAB-94308
Size: 500 ug
Clone: KP1
Host: Mouse
Isotype: IgG1,k
Immunogen: Subcellular fraction of human alveolar macrophages
Reactivity: Hu, Ms, Mk, Rt, Ct

Applications: Immunohistochemistry (Frozen and Formalin-fixed): 0.5-1 µg/ml
Flow Cytometry: 0.5-1 µg/million cells
Immunofluorescence: 0.5-1 µg/ml
Western Blotting: 0.5-1 µg/ml
Immunoprecipitation: 0.5-1 µg/500µg protein lysate

Molecular Weight: 110kDa

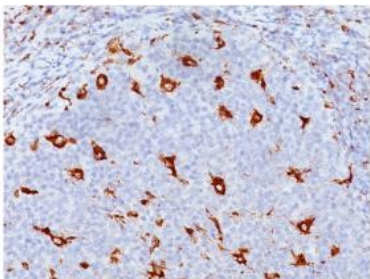
Purification: Aff. Pur.

Background: This MAb is important for identifying macrophages in tissue sections. It stains macrophages in a wide variety of human tissues, including Kupffer cells and macrophages in the red pulp of the spleen, in lamina propria of the gut, in lung alveoli, and in bone marrow. It reacts with myeloid precursors and peripheral blood granulocytes. It also reacts with plasmacytoid T-cells, which are supposed to be of monocyte/macrophage origin. It shows strong granular cytoplasmic staining of chronic and acute myeloid leukemia and also reacts with rare cases of true histiocytic neoplasia. Lymphomas are negative or show few granules

Form: Liquid

Buffer: 200µg/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide.

Storage: Store at 2-8°C.



Formalin-fixed, paraffin-embedded human tonsil (20X) stained with CD68; Clone KP1.

Procedure:

1. Tissue Section Pretreatment (Highly Recommended): Staining of formalin fixed, paraffin embedded tissue sections is

significantly enhanced by pretreatment with Citrate.

2. Primary Antibody Incubation Time: We suggest an incubation period of 30 minutes at room temperature.

However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user.

3. Visualization: For maximum staining intensity we recommend the combined with the "DAB Chromogen/Substrate Bulk Pack

Precautions:

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Contains Sodium Azide as a preservative (0.09% w/v).

Do not pipette by mouth.

Avoid contact of reagents and specimens with skin and mucous membranes.

Avoid microbial contamination of reagents or increased nonspecific staining may occur.

This product contains no hazardous material at a reportable concentration according to U.S. 29 CFR 1910.1200, OSHA Hazardous Communication Standard and EC Directive 91/155/EC.

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