

## Mouse Monoclonal anti-CD68, Clone KP1

60-0094; 60-0094-7  
61-0094; 61-0094-2  
Isotype  
Concentration:

6 mL; 7 mL predilute Antibody, Ready-To-Use  
1 mL; 0.2 mL Concentrate Antibody  
IgG1  
See container label

### Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect CD68 in normal and neoplastic formalin fixed, paraffin embedded (FFPE) tissue sections in immunohistochemical (IHC) detection methodology. Interpretation must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

### Description

CD68 is expressed in macrophages, monocytes, neutrophils, basophils and NK-cells. CD68 is also expressed in some peripheral blood B cells and B-cell type acute lymphoblastic leukaemia cells. CD68 can be found in some non-haematopoietic tissues (e.g. liver; renal glomeruli and tubules). The antibody labels macrophages and the cells of the mononuclear phagocyte lineage. It is a useful tool for the identification of neoplasms of myeloid and macrophage/monocyte origin.

### Reagent provided

This antibody is diluted in 10 mM phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide (NaN<sub>3</sub>) as antimicrobial agent.

### Precautions

For professional users.

Proper handling of this product as with any product derived from biological sources according to local and applicable regulations.

Sodium azide (NaN<sub>3</sub>) is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of NaN<sub>3</sub> may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.

### Usage

#### Dilution

60-0094; 60-0094-7: Ready-To-Use

61-0094; 61-0094-2: Dilute 1:50-100 before use when using Acu-Stain™ detection system. Optimum dilution factor may vary depending on the specimen and preparation process and should be determined by each individual investigator.

#### Staining procedure

Incubate this antibody with tissue section for 30-60 minutes at room temperature. Follow the instructions from the selected detection system.

#### Positive control tissue

Tonsil

#### Epitope retrieval

HIER, Citrate pH 6

#### Staining pattern

Cytoplasm

### Storage

Store at 2-8°C.

### References

1. Warnke RA, et al. Am J Pathol. 1989;135:1089-95.
2. Pulford KF, et al. Journal of Clinical Pathology. 1989;42:414-21.
3. Falini B, et al. Am J Pathol 1993;142:1359-72.

### Symbols



Catalog No.



Batch No.



In Vitro Diagnostic Use



Temperature Range



Use By

30848 Rev.03

