CD68 Recombinant Mouse Monoclonal Antibody [KP-1]

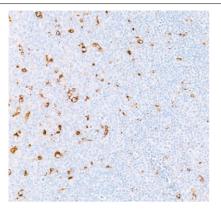


Mouse Recombinant Monoclonal

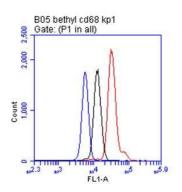
| Mouse Recombinant Monocional | | | | | |
|------------------------------|-----------|---|------------|--|--|
| Purified | | F | RefSeq ID | NP_001242.2 | |
| Catalog No. | A500-018A | | Uniprot ID | P34810 | |
| Lot No. | 3 | C | GenelD | 968 | |
| APPLICATIONS | | IHC, IHC-IF, Flow Cyt, mIF | | | |
| SPECIES REACTIVITY | | Human | | | |
| AMOUNT | | 100 µl (50+ tests) | | | |
| CONCENTRATION | | 50 μg/ml | | | |
| STORAGE/SHELF LIFE | | 2 - 8°C / 1 year from date of receipt | | | |
| PHYSICAL STATE | | Liquid | | | |
| BUFFER | | Phosphate Buffered Saline (PBS) with 0.1% BSA and 0.09% Sodium Azide | | | |
| ISOTYPE | | IgG1 | | | |
| CLONE # | | KP-1 | | | |
| ORIGIN | | USA | | | |
| PRODUCTION | | VH and VL were cloned from the KP-1 hybridoma. | | | |
| PROCEDURES | | Recombinant antibody was purified from cell culture supernatant. | | | |
| APPLICATIONS | | Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. | | | |
| | | Immunohistocher | | 00 – 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is ommended for FFPE tissue sections. | |
| | | Immunofluoresce (IHC) | | 00 to 1:500. Epitope retrieval with citrate buffer pH6.0 is ommended for FFPE tissue sections. | |
| | | Flow Cytometry Multiplex Immunofluoresce | 1:25 | per 1 X 10^6 cells 50 | |
| IHC HUMAN CONTROLS | | Liver, Tonsil | | | |
| ADDITIONAL INFO | | https://www.fortislife.com/p/A500-018A Use the link above to view SDS, a current list of citations, and other product specific information. | | | |

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: August 10, 2023

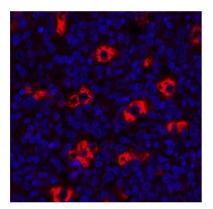
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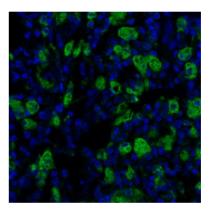
Detection of human CD68 by immunohistochemistry. *Sample:* FFPE section of tonsil. *Antibody:* Mouse anti-CD68 monoclonal antibody [KP-1] (A500-018A-3). *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P).



Detection of CD68 in human whole blood. Human whole blood was fixed in 4% formaldehyde. Red blood cells were lysed, and the sample was treated with 50% methanol. 1 X 10^6 cells were incubated with 2 μ l of mouse monoclonal anti-CD68 antibody [KP-1] (A500-018A) (red), 0.1 μ g mouse IgG1 isotype control (black), or no antibody (blue). Antibody binding was detected with 0.1 μ g DyLight® 488-conjugated goat anti-mouse IgG (A90-116D2). The histogram represents gated granulocytes.

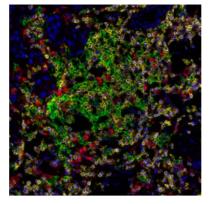


Detection of human CD68 by immunohistochemistry. *Sample:* FFPE section of human tonsil. *Antibody:* Mouse monoclonal anti-CD68 antibody [KP-1] (A500-018A) used at 1:100. *Secondary:* DyLight[®] 594-conjugated goat antimouse IgG (A90-116D4).



Detection of human CD68 (green) by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Mouse anti-CD68 monoclonal antibody [KP-1] (A500-018A) used at 1:500. Secondary: HRP-conjugated goat anti-mouse IgG (A90-116P). Substrate: Opal™. Counterstain: DAPI (blue).

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Detection of human CD3E (yellow), CD68 (red), and CD20 (green) in FFPE lung carcinoma by IHC-IF. Rabbit anti-CD3E recombinant monoclonal [BL-298-5D12] (A700-016), mouse anti-CD68 monoclonal [KP-1] (A500-018A) and mouse anti-CD20 monoclonal [L26] (A500-017A). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P) and HRP-conjugated goat anti-mouse IgG (A90-116P). Substrate: Opal[™] 520, 620, and 690. Counterstain: DAPI (blue).

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