

## Product Datasheet

### CD68 Antibody (orb197808)

|                             |   |
|-----------------------------|---|
| <b>Catalog Number</b>       | orb197808   |
| <b>Category</b>             | Antibodies  |
| <b>Description</b>          | Mouse monoclonal antibody to CD68   |
| <b>Target</b>               | CD68  |
| <b>Clonality</b>            | Monoclonal  |
| <b>Species/Host</b>         | Mouse   |
| <b>Isotype</b>              | Mouse IgG1  |
| <b>Conjugation</b>          | Unconjugated  |
| <b>Reactivity</b>           | Human   |
| <b>Concentration</b>        | Approximately 1mg/ml (varies from batch to batch). Please inquire for precise concentration.        |
| <b>Buffer/Preservatives</b> | Purified antibody in PBS with 0.05% sodium azide.   |
| <b>Immunogen</b>            | Purified recombinant fragment of human CD68 (AA: 42-155) expressed in E. Coli.                      |
| <b>UniProt ID</b>           | <b>P34810</b>   |
| <b>MW</b>                   | 37.4kDa   |
| <b>Tested applications</b>  | FC, ICC, IHC, WB  |
| <b>Dilution range</b>       | WB: 1/500 - 1/2000; IHC: 1/200 - 1/1000; IF/ICC: 1/200 - 1/1000; FCM: 1/200 - 1/400; ELISA: 1/10000 |
| <b>Antibody Type</b>        | Primary Antibody  |

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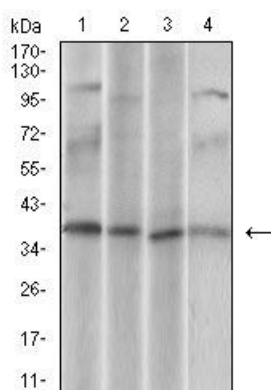
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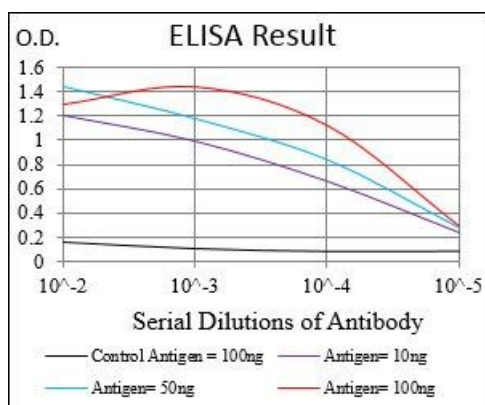
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|                        |   |
|------------------------|---|
| <b>Clone Number</b>    | B5H9F5  |
| <b>Storage</b>         | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>            | For research use only   |
| <b>Entrez</b>          | <b>968</b>  |
| <b>Expiration Date</b> | 12 months from date of receipt.   |



Western blot analysis of U937 (Lane 1), Hela (Lane 2), HepG2 (Lane 3), Jurkat (Lane 4) cell lysate using CD68 antibody



Line graph illustrates about the Ag-Ab reactions using different concentrations of antigen and serial dilutions of CD68 antibody

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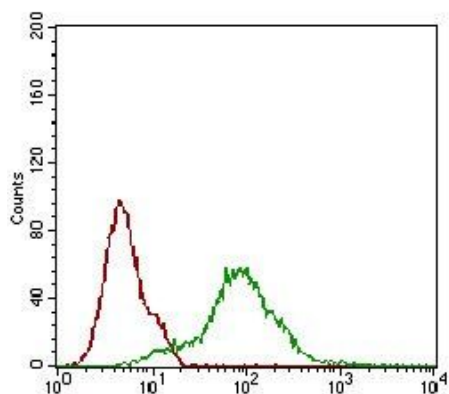
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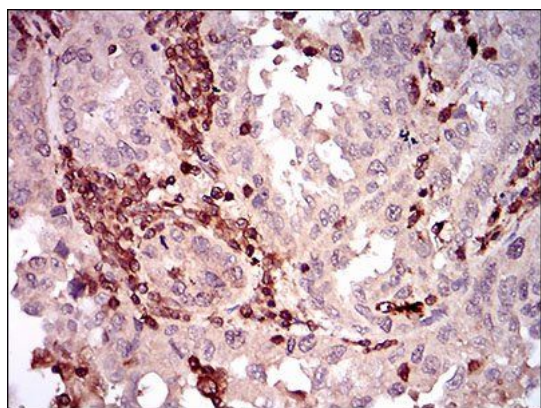
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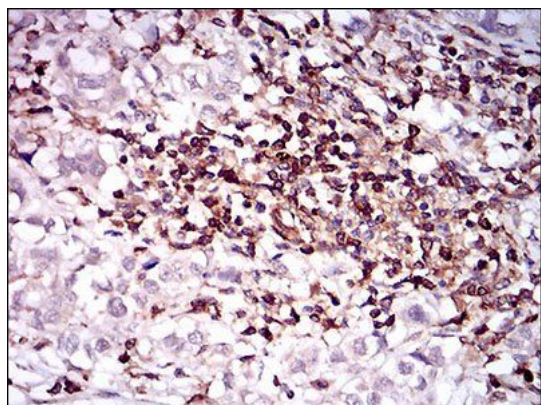
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Flow cytometric analysis of Hela cells lysates using CD68 antibody



Immunohistochemical analysis of formalin-fixed and paraffin-embedded endometrial cancer tissues using CD68 antibody



Immunohistochemical analysis of formalin-fixed and paraffin-embedded bladder cancer tissues using CD68 antibody

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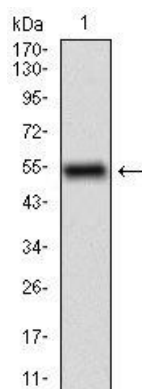
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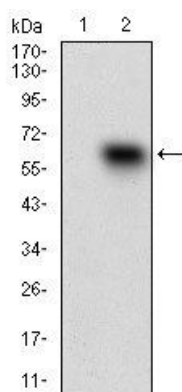
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Western blot analysis of human CD68 using CD68 antibody



Western blot analysis of HEK293 (Lane 1) HEK293 (Lane 2) cell lysate using CD68 antibody

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