

# IGHM

Purified Mouse Monoclonal Antibody

Catalog # AO2565a

## Product Information

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|                      |                                                                                 |
|----------------------|---------------------------------------------------------------------------------|
| <b>Application</b>   | WB, IHC, ICC, E                                                                 |
| <b>Reactivity</b>    | Human                                                                           |
| <b>Host</b>          | Mouse                                                                           |
| <b>Clonality</b>     | Monoclonal                                                                      |
| <b>Clone Names</b>   | 9A8A4                                                                           |
| <b>Isotype</b>       | Mouse IgG1                                                                      |
| <b>Calculated MW</b> | 49 KDa                                                                          |
| <b>Immunogen</b>     | Purified recombinant fragment of human IGHM (AA: 310-452) expressed in E. Coli. |
| <b>Formulation</b>   | Purified antibody in PBS with 0.05% sodium azide                                |

## Additional Information

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|--------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Other Names</b> | MU; VH; AGM1                                                                                                                             |
| <b>Dilution</b>    | WB~~ 1/500 - 1/2000 IHC~~ 1/200 - 1/1000 ICC~~N/A E~~ 1/10000                                                                            |
| <b>Storage</b>     | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Precautions</b> | IGHM is for research use only and not for use in diagnostic or therapeutic procedures.                                                   |

## References

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1.Cell Mol Immunol. 2014 Jan;11(1):94-104. 2.Mol Immunol. 1993 Jan;30(1):111-2.

## Images

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Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

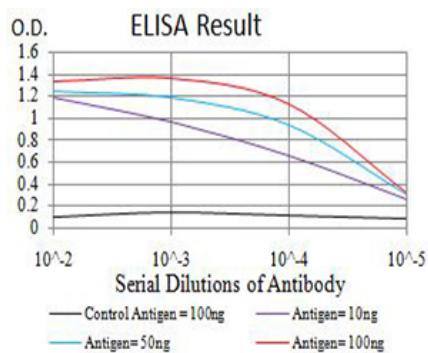


Figure 2: Western blot analysis using IGHM mAb against human IGHM (AA: 310-452) recombinant protein. (Expected MW is 41.3 kDa)

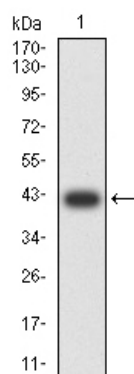


Figure 3: Western blot analysis using IGHM mAb against HEK293 (1) and IGHM (AA: 310-452)-hIgGFc transfected HEK293 (2) cell lysate.

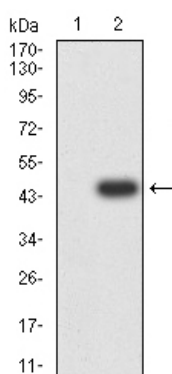


Figure 4: Western blot analysis using IGHM mouse mAb against Raji (1) and Ramos (2) cell lysate.

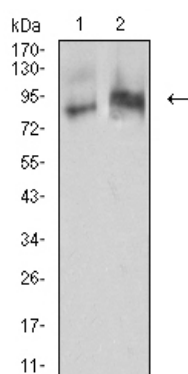


Figure 5: Flow cytometric analysis of HeLa cells using IGHM mouse mAb (green) and negative control (red).

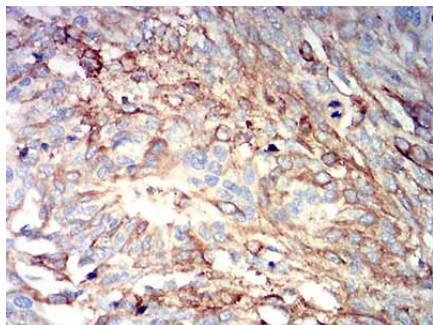
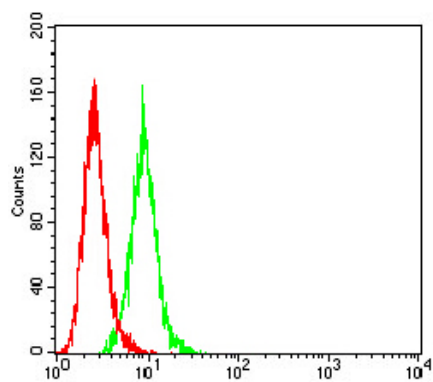


Figure 6:Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using IGHM mouse mAb with DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.