

Anti-Mouse IgM Ighm Rabbit Monoclonal Antibody, Clone#RM109

Catalog Number: M07469-2

Overview

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|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | Anti-Mouse IgM Ighm Rabbit Monoclonal Antibody, Clone#RM109 |
| Reactive Species | Mouse |
| Description | Boster Bio Anti-Mouse IgM Ighm Rabbit Monoclonal Antibody, Clone#RM109 (Catalog # M07469-2). Tested in ELISA applications. This antibody reacts with Mouse. |
| Application | ELISA |
| Clonality | Monoclonal RM109 |
| Formulation | 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide |
| Storage Instructions | Store at -20°C for one year. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P01872 |

Technical Details

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|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen | Mouse IgM |
| Cross Reactivity | This antibody reacts to mouse IgM. No cross-reactivity with mouse IgG1, IgG2a, IgG2b, IgG3, IgA, IgE, human IgG, rat IgG, or goat IgG. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | Protein A affinity purified from an animal origin-free culture supernatant |
| Suggested Dilutions | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>ELISA: 0.005 ug/mL – 0.2 ug/mL.</p> |

Anti-Mouse IgM Ighm Rabbit Monoclonal Antibody, Clone#RM109 (M07469-2) Images

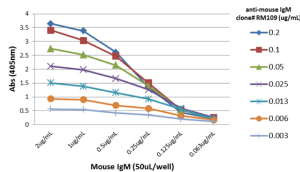


Figure 1. ELISA result showing specificity
A titer ELISA of mouse IgM. The plate was coated with different amounts of mouse IgM. A serial dilution of RM109 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

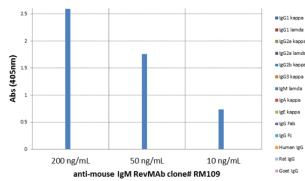


Figure 2. ELISA result showing specificity
ELISA of mouse immunoglobulins shows RM109 reacted to mouse IgM; no cross reactivity with IgG1, IgG2a, IgG2b, IgG3, IgA, IgE, human IgG, rat IgG, or goat IgG. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of RM109 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

2 Publications Citing This Product

1. PubMed ID: 20075284, Guan W, Wang Y, Hou L, Chen L, Li X, Yue W, Ma Y. Poult Sci. 2010 Feb;89(2):312-7. Doi: 10.3382/Ps.2009-00413. Derivation And Characteristics Of Pluripotent Embryonic Germ Cells In Duck.
2. PubMed ID: 27347314, Rat adipose-derived stem cells express low level of β -Gal and are dependent on CD59 for protection from human xenoantibody and complement-mediated lysis

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