

Anti-Human IgM IGHM Rabbit Monoclonal Antibody, Clone#RM121

Catalog Number: M07469-3

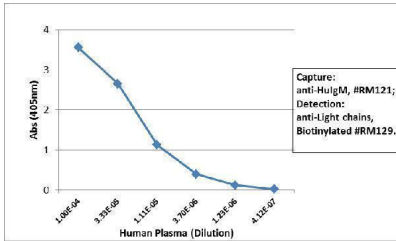
Overview

Product Name	Anti-Human IgM IGHM Rabbit Monoclonal Antibody, Clone#RM121
Reactive Species	Human
Description	Boster Bio Anti-Human IgM IGHM Rabbit Monoclonal Antibody, Clone#RM121 (Catalog # M07469-3). Tested in ELISA, ICC, IHC applications. This antibody reacts with Human.
Application	ELISA, IHC, ICC
Clonality	Monoclonal RM121
Formulation	50% Glycerol/PBS with 1% stabilizing protein and 0.09% sodium azide This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P01871

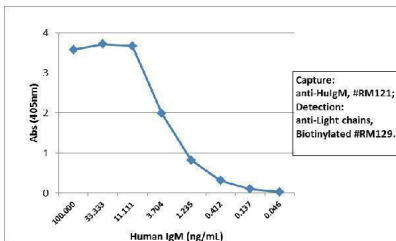
Technical Details

Immunogen	Human IgM
Cross Reactivity	This antibody reacts to the heavy chain of human IgM. No cross-reactivity with human IgG, IgA, IgD, or IgE.
Isotype	Rabbit IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Suggested Dilutions	ELISA: 50ng/well – 200ng/well (for Capture) 0.05ug/mL – 0.2ug/mL (for Detection) Immunocytochemistry (ICC): 0.5ug/mL-2ug/mL Immunohistochemistry (IHC): 0.5ug/mL-2ug/mL.

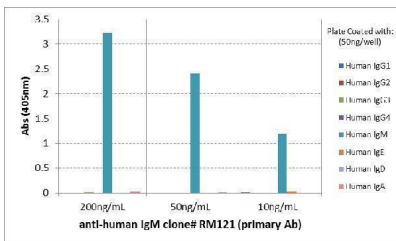
Anti-Human IgM IGHM Rabbit Monoclonal Antibody, Clone#RM121 (M07469-3) Images



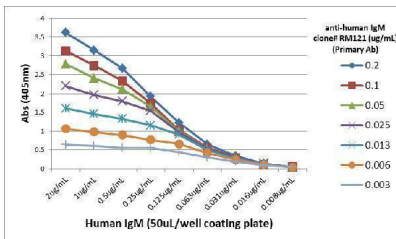
ELISA result showing specificity Sandwich ELISA using RM121 as the capture antibody (100ng/well), and Biotinylated anti-human light chains (+) antibody RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.



ELISA result showing specificity Sandwich ELISA using RM121 as the capture antibody (100ng/well), and Biotinylated anti-human light chains (+) antibody RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.



ELISA result showing specificity ELISA of human immunoglobulins shows RM121 only reacted to human IgM. No cross reactivity with IgG, IgE, IgD, or IgA. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL or 50 ng/mL of RM121 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



ELISA result showing specificity A titer ELISA using RM121. The plate was coated with different amounts of human IgM. A serial dilution of RM121 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

4 Publications Citing This Product

1. PubMed ID: 29312537, Ansari AR, Li NY, Sun ZJ, Huang HB, Zhao X, Cui L, Hu YF, Zhong JM, Karrow NA, Liu HZ. Oncotarget. 2017 Aug 5;8(65):108375-108391. doi: 10.18632/oncotarget.19964. eCollection 2017 Dec 12. Lipopolysaccharide induces acute bursal atrophy in broiler ...
2. PubMed ID: 26639056, An outbreak caused by GII.17 norovirus with a wide spectrum of HBGA-associated susceptibility
3. 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.

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