

# Product Datasheet

## IgM Antibody (II/41) - BSA Free NBP1-43303-0.5mg

Unit Size: 0.5 mg

Store at 4C. Do not freeze.

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**NBP1-43303-0.5mg**

IgM Antibody (II/41) - BSA Free

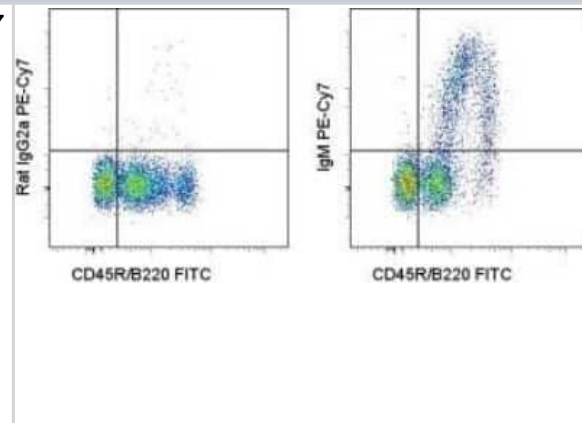
Product Information	
Unit Size	0.5 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	II/41
Preservative	0.09% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

Product Description	
Description	Novus Biologicals Rat IgM Antibody (II/41) - BSA Free (NBP1-43303) is a monoclonal antibody validated for use in IHC, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	3507
Gene Symbol	IGHM
Species	Mouse
Reactivity Notes	This antibody is reactive to Mouse.
Immunogen	The immunogen for this antibody was mouse IgM.

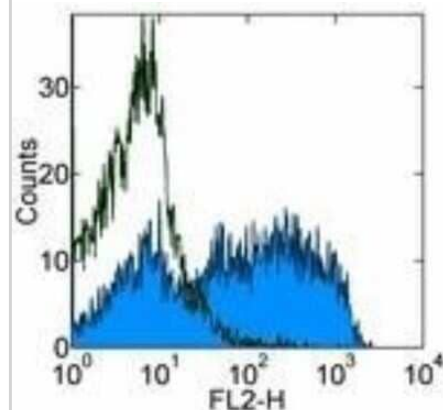
Product Application Details	
Applications	ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
Application Notes	The II/41 antibody has been tested by flow cytometric analysis of mouse spleen cell suspension. This can be used at less than or equal to 1 ug per test. Cell number should be determined empirically but can range from 10 <sup>5</sup> to 10 <sup>8</sup> cells/test.

**Images**

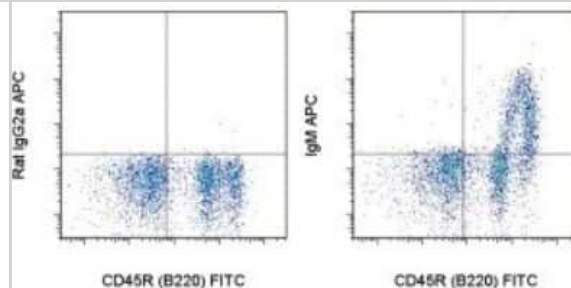
Flow Cytometry: IgM Antibody (II/41) [NBP1-43303] - Analysis of PE/Cy7 conjugate of NBP1-43303. Staining of C57BL/6 bone marrow cells with Anti-Human/Mouse CD45R (B220) FITC and 0.06 micrograms of Rat IgG2a ? Isotype Control PE-Cy7 (left) or 0.06 micrograms of Anti-Mouse IgM PE-Cy7 (right). Cells in the ly



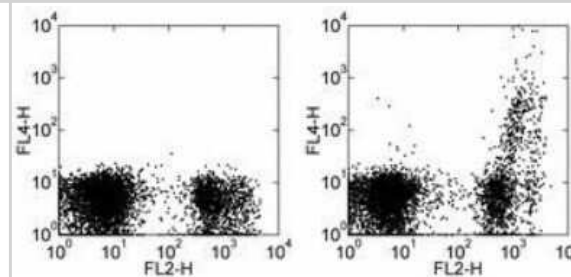
Flow Cytometry: IgM Antibody (II/41) [NBP1-43303] - Staining of C57BL/6 splenocytes with 0.5 ug of Rat IgG2a kappa Isotype Control Purified (open histogram) or 0.5 ug of Anti-Mouse IgM Purified (filled histogram) followed by Anti-Rat IgG Biotin and Streptavidin PE. Total viable cells were used for analysis.



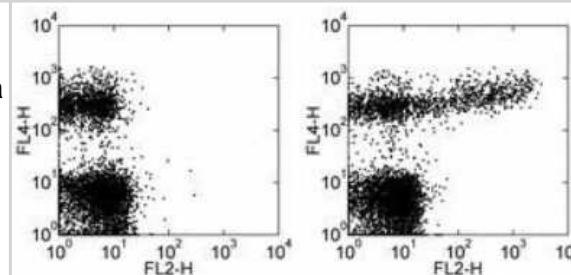
Flow Cytometry: IgM Antibody (II/41) [NBP1-43303] - Analysis of Allophycocyanin conjugate of NBP1-43303. Staining of C57BL/6 bone marrow cells with Anti-Human/Mouse CD45R (B220) FITC and 0.125 ug of Rat IgG2a K Isotype Control APC (left) or 0.125 ug of Anti-Mouse IgM APC (right). Cells in the small scatter



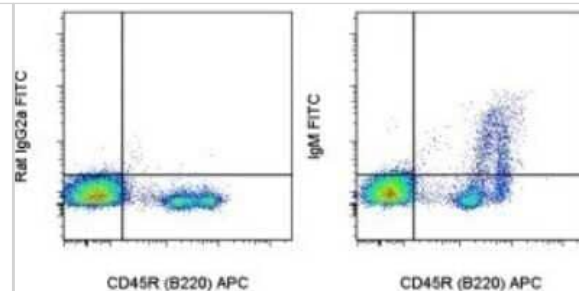
Flow Cytometry: IgM Antibody (II/41) [NBP1-43303] - Analysis of Allophycocyanin conjugate of NBP1-43303. Staining of C57BL/6 bone marrow cells with Anti-Human/Mouse CD45R (B220) FITC and 0.125 ug of Rat IgG2a K Isotype Control APC (left) or 0.125 ug of Anti-Mouse IgM APC (right). Cells in the small scatter



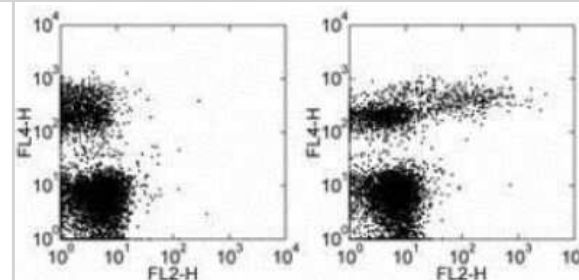
Flow Cytometry: IgM Antibody (II/41) [NBP1-43303] - Analysis of Biotin conjugate of NBP1-43303. Staining of C57BL/6 bone marrow cells with Anti-Human/Mouse CD45R (B220) APC and 0.06 ug of Rat IgG2a kappa Isotype Control Biotin (left) or 0.06 ug of Anti-Mouse IgM Biotin (right) followed by Streptavidin PE .



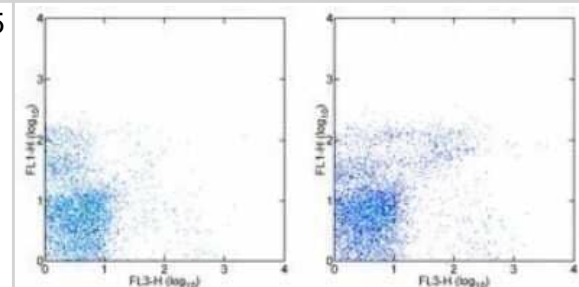
Flow Cytometry: IgM Antibody (II/41) [NBP1-43303] - Analysis of FITC conjugate of NBP1-43303. Staining of C57BL/6 bone marrow cells with Anti-Human/Mouse CD45R (B220) APC and 0.125 ug of Rat IgG2a K Isotype Control FITC (left) or 0.125 ug of Anti-Mouse IgM FITC (right). Total viable cells were used for ana



Flow Cytometry: IgM Antibody (II/41) [NBP1-43303] - Analysis of PE conjugate of NBP1-43303. The II/41 antibody has been tested by flow cytometric mouse spleen cell suspension. This can be used at less than or equal to 1 ug per test. Cell number should be determined empirically but can range from  $10^5$  to  $10^6$



Flow Cytometry: IgM Antibody (II/41) [NBP1-43303] - Analysis of PE/Cy5 conjugate of NBP1-43303. Staining of C57Bl/6 bone marrow cells with Anti-Human/Mouse CD45R (B220) FITC and 0.06 ug of Rat IgG2a Isotype Control PE-Cy5 (left) or 0.06 ug of Anti-Mouse IgM PE-Cy5 (right). Total viable cells were used for





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### **Products Related to NBP1-43303-0.5mg**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP1-43321-0.5mg	Rat IgG2a Kappa Light Chain Isotype Control (R2a)
NBP1-42940-0.05mg	IgM Antibody (II/41) [PE/Cy7]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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