

# Product Datasheet

## IgG4 Antibody (RM120) [Biotin] NBP2-62126B

Unit Size: 50 ug

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-62126B**

IgG4 Antibody (RM120) [Biotin]

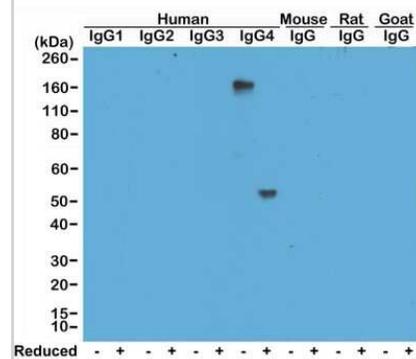
Product Information	
Unit Size	50 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM120
Preservative	0.09% Sodium Azide
Isotype	IgG
Conjugate	Biotin
Purity	Protein A purified
Buffer	50% Glycerol/PBS with 1% BSA

Product Description	
Host	Rabbit
Species	Human
Specificity/Sensitivity	This antibody reacts to the heavy chain of human IgG4. This antibody does not cross react to any other IgG subclasses (IgG1, IgG2, or IgG3), and shows no cross reactivity to IgM, IgA, IgD, IgE. This antibody does not react to monkey (Cyno or Rhesus) IgG, mouse IgG, rat IgG, or goat IgG.
Immunogen	Peptide corresponding to the hinge region of Human IgG4

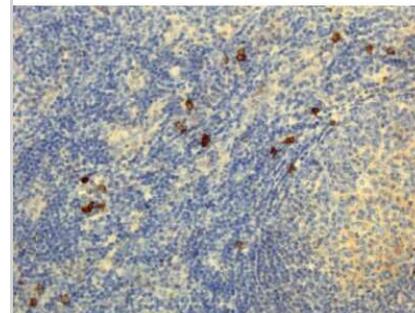
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Sandwich ELISA Capture, Sandwich ELISA Detection, Immunocytochemistry
Recommended Dilutions	Western Blot 0.5 ug/ml - 2 ug/ml, Flow Cytometry 1ug/ml - 4ug/ml, ELISA, Immunohistochemistry 1ug/mL - 10ug/mL, Immunocytochemistry/ Immunofluorescence 1 - 10 ug/ml, Sandwich ELISA Capture 50 - 200ng/well, Sandwich ELISA Detection 0.05 - 0.2ug/ml, Immunocytochemistry 1ug/mL - 10ug/mL
Application Notes	This primary antibody can also be used as a secondary antibody.

**Images**

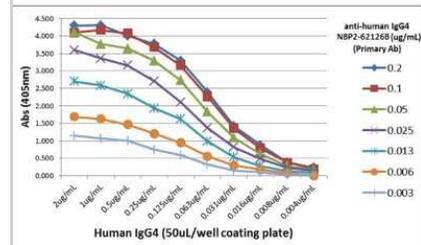
Western Blot: Rabbit anti-Human IgG4 Secondary Antibody (RM120) [Biotin] [NBP2-62126B] - Western Blot of human, mouse, rat, and goat IgG shows NBP2-62126B reacts to human IgG4, in both whole molecule (~150kDa, non-reduced) and heavy chain (~50kDa, reduced) forms. No cross reactivity with other isotypes of human IgG, or mouse, rat, or goat IgG.



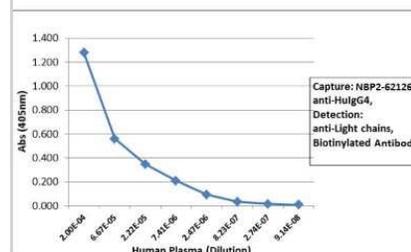
Immunohistochemistry: Rabbit anti-Human IgG4 Secondary Antibody (RM120) [Biotin] [NBP2-62126B] - Immunohistochemistry of Human Lymphoid Tissue using Anti-Human IgG4 antibody NBP2-62126B.



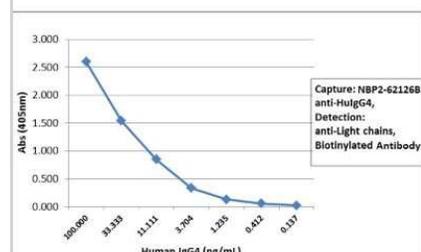
ELISA: Rabbit anti-Human IgG4 Secondary Antibody (RM120) [Biotin] [NBP2-62126B] - A titer ELISA using NBP2-62126B. The plate was coated with different amounts of human IgG4. A serial dilution of NBP2-62126B was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



ELISA: Rabbit anti-Human IgG4 Secondary Antibody (RM120) [Biotin] [NBP2-62126B] - Sandwich ELISA using NBP2-62126B as the capture antibody, and Biotinylated anti-human light chains (kappa + lambda) antibody as the detection antibody, followed by an AP conjugated streptavidin.



ELISA: Rabbit anti-Human IgG4 Secondary Antibody (RM120) [Biotin] [NBP2-62126B] - Sandwich ELISA using NBP2-62126B as the capture antibody, and Biotinylated anti-human light chains (kappa + lambda) antibody as the detection antibody, followed by an AP conjugated streptavidin.





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### **Products Related to NBP2-62126B**

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NBP2-24891B	Rabbit IgG Isotype Control [Biotin]
DDXCH04P-100	Human IgG4 Isotype Control

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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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