

# Product Datasheet

## IgG2a Antibody (RM219) NBP2-62008

Unit Size: 100 ug

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

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### Publications: 1

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**NBP2-62008**

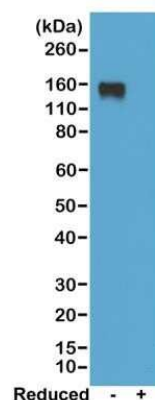
IgG2a Antibody (RM219)

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM219
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA
Product Description	
Host	Rabbit
Species	Mouse
Specificity/Sensitivity	This antibody reacts to the Fc region of mouse IgG2a. No cross reactivity with mouse IgG1, IgG2b, IgG2c, IgG3, IgM, IgA, IgE, human IgG, or rat IgG.
Immunogen	Mouse IgG2a
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 0.5 ug/ml - 2 ug/ml, ELISA 0.005 ug/ml - 0.2 ug/ml

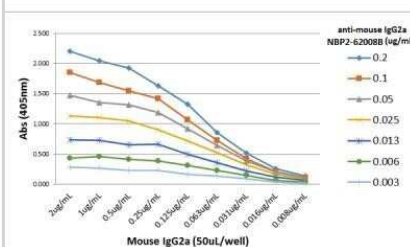


## Images

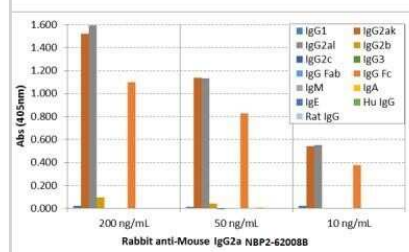
**Western Blot: IgG2a Antibody (RM219) [Unconjugated] [NBP2-62008] -** Western blot of nonreduced(-) and reduced(+) mouse IgG2a, using 0.5ug/mL of NBP2-62008B. This antibody reacts to nonreduced IgG2a (~150 kDa). Image using the Biotin form of this antibody.



**ELISA: IgG2a Antibody (RM219) [Unconjugated] [NBP2-62008] -** A titer ELISA of mouse IgG2a. The plate was coated with different amount of mouse IgG2a. A serial dilution of NBP2-62008B was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody. Image using the Biotin form of this antibody.



**ELISA: IgG2a Antibody (RM219) [Unconjugated] [NBP2-62008] -** ELISA of mouse immunoglobulins shows NBP2-62008B reacts to the Fc region of mouse IgG2a; no cross reactivity with IgG1, IgG2b, IgG2c, IgG3, IgM, IgA, IgE, human IgG, or rat IgG. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of NBP2-62008B was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody. Image using the Biotin form of this antibody.



## Publications

Jang JH, Kim DH, Lim JM et al. Breast cancer cell-derived soluble CD44 promotes tumor progression by triggering macrophage IL-1 beta production Cancer Res. 2020-01-22 [PMID: 31969374]



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### **Products Related to NBP2-62008**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
MAB006	Rat IgG2a Isotype Control (54447) [Unconjugated]

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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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