## **∗** abeomics

## **10-9506: Recombinant Rabbit Monoclonal Antibody to Mouse IgG2a (Clone:** RM219)(Discontinued)

Clonality :	Monoclonal	
Clone Name :	RM219	
Application :	WB,IP,ICC,IHC,FACS,ELISA	
Reactivity :	Mouse	
Gene :	lghg	
Gene ID :	380793	
Uniprot ID :	P01863Â	
Format :	Purified	
Isotype :	Rabbit IgG	
Immunogen Information : Mouse IgG2a		

## **Product Info**

Amount :	100 µg	
Purification :	Protein A affinity purified from an animal origin-free culture supernatant	
Content :	1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide	
Storage condition :	Store at -20°C. Avoid repeated freeze and thaw cycles.	

## **Application Note**

Clone RM219 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. ELISA: 0.005 Ã[]µg/ml Ã[]â[]] 0.2 Ã[]µg/ml; Immunocytochemistry (ICC): 0.5 Ã[]µg/ml-2 Ã]]µg/ml; Immunohistochemistry (IHC): 0.5 Ã[]µg/ml-2 Ã]]µg/ml; Western Blot (WB): 0.5 Ã[]µg/ml-2 Ã]]µg/ml.

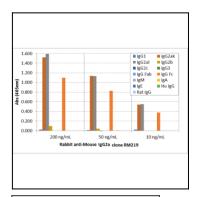


Figure 1: ELISA of mouse immunoglobulins shows Clone: RM219 reacts to the Fc region of mouse IgG2a; no cross reactivity with IgG1, IgG2b, IgG2c, IgG3, IgM, IgA,IgE, human IgG, or rat IgG. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/ml, 50 ng/ml, or 10 ng/ml of Clone: RM219 was usedas the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondaryantibody.

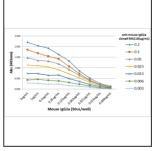
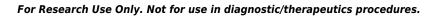


Figure 2: A titer ELISA of mouse IgG2a. The plate was coated with different amounts of mouse IgG2a. A serial dilution of Clone: RM219 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.





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(kDa) 260–	
160- 110- 80-	-
60-	
50-	
40-	
30-	
20-	
15- 10-	
Reduced	- +

Figure 3: Western blot of nonreduced(-) and reduced(+) mouse IgG2a, using 0.5  $\mu$ g/ml of Clone: RM219. This antibody reacts to nonreduced IgG2a (~150 kDa).