

# Product Datasheet

## Goat anti-Mouse IgG2a Heavy Chain Secondary Antibody [HRP] NB7516

Unit Size: 1 ml

Store at 4C. Do not freeze.

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### Publications: 6

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**NB7516****Goat anti-Mouse IgG2a Heavy Chain Secondary Antibody [HRP]**

<b>Product Information</b>	
<b>Unit Size</b>	1 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Pro-Clean 400
<b>Isotype</b>	IgG
<b>Conjugate</b>	HRP
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Phosphate Buffered Saline (PBS) containing 0.2%BSA
<b>Product Description</b>	
<b>Host</b>	Goat
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	By immunoelectrophoresis and ELISA this reacts specifically with mouse IgG2a. This may cross react with IgG2a from other species.
<b>Immunogen</b>	Mouse IgG2a
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:2000 - 1:20000, ELISA 1:10000 - 1:100000, Immunohistochemistry 1:200 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:2000, Immunohistochemistry-Paraffin



## Publications

Park HJ, Bang YJ, Kwon SP et al. Analyzing immune responses to varied mRNA and protein vaccine sequences npj Vaccines 2023-06-05 [PMID: 37271785] (ELISA)

Li Z, Cao Y, Li Y et al. Vaccine delivery alerts innate immune systems for more immunogenic vaccination JCI Insight 2021-03-10 [PMID: 33690222] (Mouse)

Details:

Citation using the HRP format of this antibody.

Rodriguez-Morales O, Cabrera-Mata JJ, Carrillo-Sanchez SDC et al Electrolyzed Oxidizing Water Modulates the Immune Response in BALB/c Mice Experimentally Infected with Trypanosoma cruzi Pathogens 2020-11-26 [PMID: 33238401]

Details:

Citation using the HRP version of this antibody.

Machahua C, Montes-Worboys A, Llatjos R et al. Increased AGE-RAGE ratio in idiopathic pulmonary fibrosis Respir Res 2016-11-07 [PMID: 27816054]

Ehlers M, Fukuyama H, McGaha TL et al. TLR9/MyD88 signaling is required for class switching to pathogenic IgG2a and 2b autoantibodies in SLE. J Exp Med. [PMID: 16492804]

Details:

Citation using the HRP form of this antibody.

Fukuyama H, Nimmerjahn F, Ravetch JV et al. The inhibitory Fcγ receptor modulates autoimmunity by limiting the accumulation of immunoglobulin G+ anti-DNA plasma cells. Nat Immunol. [PMID: 15592473]

Details:

Citation using the HRP form of this antibody.





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### **Limitations**

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

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