

# Product Datasheet

## Goat anti-Mouse IgG1 Heavy Chain Secondary Antibody NB7508

Unit Size: 1 ml

Store at 4C. Do not freeze.

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**NB7508****Goat anti-Mouse IgG1 Heavy Chain Secondary Antibody**

<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>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Phosphate Buffered Saline (PBS)

<b>Product Description</b>	
<b>Host</b>	Goat
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	By immunoelectrophoresis and ELISA this antibody reacts specifically with mouse IgG1. Cross reactivity to mouse IgA, IgM, IgG2a, IgG2b, IgG2c, IgG3 and IgE is undetectable. Some hybridoma clones may express aberrant immunoglobulin-related peptides that are improperly recognized by this antibody.
<b>Immunogen</b>	Mouse IgG1

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:30000, ELISA 1:1000- 1:30000, Immunohistochemistry 1:200 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:2000, Immunohistochemistry-Paraffin 1:200 - 1:2000
<b>Application Notes</b>	ELISA 1:1,000 - 1:30,000; for coating plates 1:100 - 1:500

**Publications**

Kim, JY;Yi, MH;Kim, M;Choi, JH;Lee, S;Yong, TS; Production of Dermatophagoides farinae Having Low Bacterial Content Using Ampicillin Journal of immunology research 2023-05-18 [PMID: 37252681] (ELISA)

Yang Y, Chen C, Zuo Q Et al. NARF is a hypoxia-induced coactivator for OCT4-mediated breast cancer stem cell specification Sci Adv 2022-12-09 [PMID: 36490339] (ICC/IF)

Choi JH, Kim JY, Yi MH Et al. Anisakis pegreffii Extract Induces Airway Inflammation with Airway Remodeling in a Murine Model System Biomed Res Int 2021-09-28 [PMID: 34580637] (ELISA)

Details:  
Citation using the Biotin version of this antibody.

Wong TY, Lee KS, Russ BP Et al. Intranasal administration of BReC-CoV-2 COVID-19 vaccine protects K18-hACE2 mice against lethal SARS-CoV-2 challenge NPJ Vaccines 2022-03-15 [PMID: 35288576] (ELISA)

Details:  
Citation using the HRP version 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] (ICC/IF)



Bigot P, Colli LM, Machiela MJ et al. Functional characterization of the 12p12.1 renal cancer-susceptibility locus implicates BHLHE41. *Nat Commun.* [PMID: 27384883] (WB)

Details:

Citation using the HRP form of this antibody.

Chaturvedi P, Gilkes DM, Takano N, Semenza GL. Hypoxia-inducible factor-dependent signaling between triple-negative breast cancer cells and mesenchymal stem cells promotes macrophage recruitment. *Proc Natl Acad Sci U S A.* [PMID: 24799675] (Chemotaxis)

Details:

Citation using the FITC form of this antibody.

Wang T, Gilkes DM, Takano N Et al. Hypoxia-inducible factors and RAB22A mediate formation of microvesicles that stimulate breast cancer invasion and metastasis *Proc Natl Acad Sci U S A* 2014-06-19 [PMID: 24938788] (ICC/IF)

Details:

Citation using the Cy3 version of this antibody.

Yu L, Yamagishi J, Zhang S et al. Protective effect of a prime-boost strategy with plasmid DNA followed by recombinant adenovirus expressing TgAMA1 as vaccines against *Toxoplasma gondii* infection in mice. *Parasitol Int.* [PMID: 22537971]

Details:

Citation using the HRP form of this antibody.

Oefner CM, Winkler A, Hess C et al. Tolerance induction with T cell-dependent protein antigens induces regulatory sialylated IgGs. *J Allergy Clin Immunol.* [PMID: 22502800]

Details:

Citation using the HRP form of this antibody.

Tawde SA, Chablani L, Akalkotkar A et al. Formulation and evaluation of oral microparticulate ovarian cancer vaccines. *Vaccine.* [PMID: 22750042]

Details:

Citation using the HRP form of this antibody.

Lanckacker EA, Tournoy KG, Hammad H et al. Short cigarette smoke exposure facilitates sensitization and asthma development in mice. *Eur Respir J.* [PMID: 22903968]

Details:

Citation using the HRP form of this antibody.

More publications at <http://www.novusbio.com/NB7508>





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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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