

# Product Datasheet

## Goat anti-Mouse IgG1 Heavy Chain Secondary Antibody [Alkaline Phosphatase] NB7509

Unit Size: 1 ml

Store at 4C. Do not freeze.

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**NB7509****Goat anti-Mouse IgG1 Heavy Chain Secondary Antibody [Alkaline Phosphatase]**

<b>Product Information</b>	
<b>Unit Size</b>	1 ml
<b>Concentration</b>	0.5 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>Conjugate</b>	Alkaline Phosphatase
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	50 mM HEPES pH 7.1, 0.1 M NaCl, 1 mM MgCl <sub>2</sub> , 0.1 mM ZnCl <sub>2</sub> 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 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 1:1000-1:10000, ELISA 1:1000-1:10000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100- 1:1000, Immunohistochemistry-Paraffin 1:100 - 1:1000

**Publications**

Takeuchi I, Suzuki T, Makino K Iontophoretic transdermal delivery using chitosan-coated PLGA nanoparticles for transcutaneous immunization Colloids and Surfaces A: Physicochemical and Engineering Aspects 2020-09-01 [PMID: 29017147] (ELISA, Mouse)

Gipson CL, Davis NL, Johnston RE et al. Evaluation of Venezuelan Equine Encephalitis (VEE) replicon-based Outer surface protein A (OspA) vaccines in a tick challenge mouse model of Lyme disease. Vaccine. [PMID: 12922122]

Details:  
Citation using the Alkaline Phosphatase 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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